

Power Amplifiers Power Amplifiers

#### SERVO 120 POWER AMPLIFIER



Ideal for powering near-field monitors or for use as a headphone amplifier, the Servo 120 provides reference-class audio performance and reliability in a compact package.

- Single rack space Servo-controlled stereo power amplifier
- 60 watts into 4 ohms, 50 watts into 8 ohms (stereo) and 120 watts into 8 ohms (bridged mono)
- Wide, flat frequency response of less than 10 Hz to plus 100 kHz (-3 dB) for reference-quality audio
- Front panel headphone jack with speaker-disable switch
- Independent left/right level controls with 5-segment, 3-color LED meters
- Relay-controlled power-on circuitry prevents speaker "thumps"
- Balanced 1/4" TRS inputs and gold-plated unbalanced RCA inputs
- Push-spring terminal outputs

For over a decade

Samson has been

building innovative

audio products that

perform reliably day

after day, night after

night. It starts with

It's R&D: Finding

innovation: new ideas,

rethinking the obvious.

better ways to build

products to enhance quality and reliability.

Just about everyone at

customer service reps,

Samson is a musician. From the CEO, to the

engineers, to the

to the sales and

marketing people.
We use these products.

That's why our gear

delivers what music

professionals need.

Samson

**Precision** 

tools for

the jobs

matter.

Audio.

audio

that

sound great and

- Convection-cooled design eliminates fan noise and maintenance problems
- Bipolar design and toroidal transformer power supply
- Overheating and over-current protection circuitry

### SERVO 170 POWER AMPLIFIER



A versatile performer in a compact package, our popular Servo 170 is excellent for near field monitoring, stereo midrange/high frequency bi-amping applications and low power distribution systems.

- Dual rack space Servo-controlled stereo power amplifier
- 85 watts into 4 ohms, 60 watts into 8 ohms stereo
- Wide, linear 20 Hz to 50 kHz frequency response
- Independent left/right input level controls with 41 detents
- Front-panel clip and idle LEDs for both channels
- Relay-controlled power-on circuitry prevents speaker "thumps"
- Balanced 1/4" TRS inputs and gold-plated unbalanced RCA inputs
- 1/4" and push-spring terminal outputs
- · Convection-cooled design eliminates fan noise and maintenance problems
- Bipolar design
- Overheating and over-current protection circuitry

#### SERVO 260 POWER AMPLIFIER



A mainstay of our Servo line, the 260 is great for near-field monitor set-ups, headphone distribution systems, and smaller live sound applications.

- Dual rack space Servo-controlled stereo power amplifier
- 130 watts into 4 ohms, 90 watts into 8 ohms stereo
- Extended 20 Hz To 50 kHz frequency response
- Independent left/right input level controls with 41 detents
- Front-panel clip and idle LEDs on both channels
- Relay-controlled power-on circuitry avoids speaker "thumps"
- Balanced 1/4" TRS inputs and gold-plated unbalanced RCA inputs
- 1/4" and push-spring terminal outputs
- Convection-cooled design eliminates fan noise and maintenance problems
- Bipolar design
- Overheating and over-current protection circuitry

#### SERVO 550 POWER AMPLIFIER



Using the Servo 550 in the bridged mono mode is a great way to power a separate subwoofer system as an enhancement to your overall sound.

- Three rack space Servo-controlled stereo power amplifier
- 275 watts into 4 ohms, 190 watts into 8 ohms (stereo) and 550 watts into 8 ohms (bridged mono)
- Wide, linear 20 Hz to 50 kHz frequency response
- Independent left and right input level controls with 41 detents
- Front-panel clip, idle, protection and power LEDs
- Relay-controlled power-on circuitry prevents speaker "thumps"
- Balanced 1/4" TRS inputs and gold-plated unbalanced RCA inputs
- 1/4" and binding post outputs
- Convection-cooled design eliminates fan noise and maintenance problems
- Bipolar design
- Overheating and over-current protection circuitry

After the music. power is everything. Samson amps provide clean, reliable power for every application. Samson offers three lines: our precision Servo Series, with ultra-low distortion, our muscular S-Series amps for live applications and our pure-power F Series. Samson amps include all the features and connectivity that audio professionals

want, at truly

affordable prices.

#### **Power Amplifiers**

#### S500 POWER AMPLIFIER



New to the S Series, the sturdy and reliable S500 is perfect for live sound or fixed installations where 500 watts is the right amount of power.

- · Heavy-duty dual rack space stereo power amplifier
- 250 watts per channel into 4 ohms, 150 watts into 8 ohms (stereo) and 500 watts into 8 ohms (bridged mono)
- Temperature-sensitive, speed-controlled fan
- Independent front panel input level controls with 41 detents and 3-segment output LED meters
- Overheating and over-current protection circuitry with LED monitoring
- XLR and locking TRS inputs, banana jack outputs and Speakon™ connectors
- Parallel inputs allow several amps to be linked together

#### S700 POWER AMPLIFIER



#### Exceptionally rugged and reliable, the S700 is a powerful, multi-purpose amplifier.

- · Heavy-duty dual rack space stereo power amplifier
- 350 watts into 4 ohms, 220 watts into 8 ohms (stereo) and 700 watts into 8 ohms (bridged mono)
- Dual temperature-sensitive, speed-controlled fans
- Independent front panel input level controls with 41 detents and 3-segment output LED meters
- Overheating and over-current protection circuitry with LED monitoring
- Stable bipolar design
- XLR and locking TRS inputs, banana jack outputs and Speakon™ connectors
- Parallel inputs allow several amps to be linked together

#### S1000 POWER AMPLIFIER



#### Serious power for all kinds of live sound projects, commercial installations and PA systems.

- Heavy-duty dual rack space stereo power amplifier
- 500 watts into 4 ohms,330 watts into 8 ohms (stereo) and 1,000 watts into 8 ohms (bridged mono)
- Dual temperature-sensitive, speed-controlled fans
- Independent front panel input level controls with 41 detents and 3-segment output LED meters
- Overheating and over-current protection circuitry with LED monitoring
- Dual protection LEDs and relay-controlled outputs linked to protection LEDs
- XLR inputs and locking TRS inputs, Banana jack outputs with Speakon™ connectors
- Parallel intputs allow several amps to be linked together

#### **Power Amplifiers**

#### S1500 POWER AMPLIFIER



Efficient and highly reliable, the \$1500 stereo amp provides plenty of power on the road, in commercial installations and for PA use.

- · Heavy-duty three rack space stereo power amplifier
- 750 watts into 4 ohms, 500 watts into 8 ohms (stereo) and 1,500 watts into 8 ohms (bridged mono)
- Dual temperature-sensitive, speed-controlled fans
- Independent front panel input level controls with 41 detents and 3-segment output LED meters
- Overheating and over-current protection circuitry with LED monitoring
- XLR inputs and locking TRS inputs, banana jack outputs and Speakon™ connectors
- Parallel intputs allow several amps to be linked together
- AC mains: IEC and Neutrik® Powercon connector included

#### S2000 POWER AMPLIFIER



The rugged S2000 stereo amp from Samson delivers awesome power, reliability and protection for live sound situations, commercial installations and PA applications.

- Heavy-duty three rack space stereo power amplifier
- 1,000 watts into 4 ohms, 650 watts into 8 ohms (stereo) and 2,000 watts into 8 ohms (bridged mono)
- Dual temperature-sensitive, speed-controlled fans
- Independent front panel input level controls with 41 detents and 3-segment output LED meters
- Overheating and over-current protection circuitry with LED monitoring
- XLR inputs and locking TRS inputs, banana jack outputs and Speakon™ connectors
- Parallel intputs allow several amps to be linked together
- AC mains: IEC and Neutrik® Powercon connector included

5

**Power Amplifiers** 

### F800 POWER AMPLIFIER



For applications that require reliable power, but don't require front panel controls. Perfect for DJs, and others who need simple, pure power.

- · Heavy-duty three rack space stereo power amplifier
- 400 watts into 4 ohms, 250 watts into 8 ohms (stereo) and 800 watts into 8 ohms (bridged mono)
- Bipolar design
- Dual temperature-sensitive, speed-controlled fans
- Balanced 1/4" and RCA input connectors
- Binding post output connectors
- Protection, power and bridging LEDs
- Resettable in-line fuse on rear panel

#### F1200 POWER AMPLIFIER



With its high power and simple, reliable design the F1200 is the ultimate DJ amplifier. It's also perfect for any application that requires pure power—and lots of it.

- Heavy-duty three rack space stereo power amplifier
- 600 watts into 4 ohms, 400 watts into 8 ohms (stereo) and 1,200 watts into 8 ohms (bridged mono)
- Bipolar design
- Dual temperature-sensitive, speed-controlled fans
- Balanced 1/4" and RCA input connectors
- Binding post output connectors
- Protection, power and bridging LEDs
- Resettable in-line fuse on rear panel

#### **Graphic Equalizers**

### S•CURVE 215 - 2×15 BAND EQ



#### A great, multi-purpose EQ, with all the features and easy-to-read lighted display.

- 2/3 octave 15 band stereo graphic equalizer
- Constant Q circuitry
- · Balanced XLR & TRS inputs and outputs
- · Low cut filter
- LED faders and LED bar VU meters
- Bypass switch
- Single rack space chassis, aluminum extrusion face plate

### S•CURVE 131 - 31 BAND EQ



#### For professionals looking for a full 31 band EQ.

- 1/3 octave 31 band graphic equalizer
- Constant Q circuitry
- · LED faders
- Switchable 6 or 12 dB filters
- · Cut Only mode
- · Variable low cut filter
- Single rack space chassis, aluminum extrusion face plate

#### S•CURVE 231 - 2×31 BAND EQ



#### A totally comprehensive, feature-rich dual 31-band EQ for the most demanding applications.

- Dual 31 band graphic equalizer
- · Constant Q circuitry
- LED faders
- · Low cut/Sub Freugency Crossover with Subwoofer output
- Balanced XLR & TRS inputs and outputs
- · Boost/cut, and Cut Only modes
- Switchable 6 or 12 dB filters
- · Variable high cut filter
- Double rack space chassis, aluminum extrusion face plate

Designed and built for professionals, S • Curve EQs feature easy-to-read LED displays and the extra features professionals need. S • Curve EQs are also exceptionally quiet, in fact up to 15dB lower than comparable equalizers.



Samson Audio signal processors are made with an attention to detail you can see, hear and feel.

Not only do we include all the tools professionals are looking for, our engineers routinely create features never seen before.

Signal Processing Signal Processing

#### S•COM STEREO COMPRESSOR



#### The all-purpose Stereo Compressor/Limiter every studio needs.

- · Compressor section includes variable threshold, ratio, attack, release and output
- Expander/Gate section includes variable threshold level, release time
- SKD (Smart Knee Detector) dynamically adjusts the compression curve
- · AEG (Auto Envelope Generator) dynamically adjusts attack and release
- EFR (Enhanced Frequency Recovery) restores high frequencies lost with heavy compression
- Expander/gate, compressor/limiter and enhancer on both channels
- A key input and key listen provide for external triggering, or EQ
- Balanced Inputs and Outputs

#### S•COM PLUS COMPRESSOR/LIMITER



#### This Stereo Compressor/Limiter adds features like De-essing for added control.

- Compressor section includes variable threshold, ratio, attack and release
- Expander/gate section includes variable threshold level, release time
- SKD (Smart Knee Detector) dynamically adjusts the compression curve
- AEG (Auto Envelope Generator) dynamically adjusts attack and release
- EFR (Enhanced Frequency Recovery) restores high frequencies lost with heavy compression
- Built-in de-esser circuitry reduces sibilance
- Metering of input/output, gain reduction, de-esser level, gate open/close and limit
- Key inputs and outputs for externally processing control voltage
- · Individual channel bypass, stereo link mode
- · Balanced inputs and outputs

#### S•COM 4 GATE/COMPRESSOR



The S•com 4 provides four channels of high quality dynamics processing with an Expander/Gate and Compressor/Limiter on each channel.

- Channels operate independently or in stereo pairs
- Multi-segment LED metering for input/output and gain reduction
- Expander/gate section Includes variable threshold, and a switch for fast/slow release time
- Compressor/limiter section includes variable threshold, ratio and output
- EFR (Enhanced Frequency Recovery) restores high frequencies lost with heavy compression

#### S•3-WAY CROSSOVER



#### The Stereo/Mono S•3-Way is a versatile 2-way, 3-way and 4-way crossover.

- Extensive sweeping frequency control options
- · 2-way, 3-way stereo or 4-way mono operation
- Low, mid and high frequency outputs with ±6dB of gain control
- · Mute and phase switch for each output, delay control for LF output
- · Variable threshold limiter, a CD function (for constant directivity horns)

#### S•GATE 4 GATE/DUCKER



#### This four channel Gate/Ducker can be operated as four discrete gates or linked into stereo pairs.

- · Ducker for automatic lowering of signal for a channel or stereo pair
- · Key input and key listen for inserting an external source
- Each channel has high and low pass filters, threshold, attack, hold, release and range control
- · 8-segment gain reduction LED monitor
- Front panel ducker, link, in/out, filter and key listen switches

#### S•VOX VOICE CHANNEL/INPUT MIXER



The S•vox is a sophisticated Stereo Voice Channel/Input Mixer. It provides a host of tools for cleaning up vocal tracks before they go tape.

- Superior microphone pre-amps and direct inputs for instruments
- Phase Reversal switch, volume and pan controls
- · 3-band EQ with sweepable mids and an in/out switch
- Built-in optical compressor with selectable threshold
- LED input/output meters, 48-Volt phantom power
- S/PDIF inputs and outputs, 1/4" TRS balanced mixer outputs

#### S•PHONE HEADPHONE AMP



This Four Channel Headphone Amplifier is loaded with advanced features that provide tremendous flexibility for monitor and cue mixing.

- Master Input features an input level and LED meter
- Each of the four channels has three headphone outputs with volume control and level meters
- Stereo Aux input on each channel with balance control for "More Me" mixing
- 2-band equalizer on each of the four channels

S Class Processing represents a new perspective on professional-level audio processing. Elegant and powerful, S Class processors combine proven circuitry, innovative features and ease-of-use in beautifully crafted cabinets.

Signal Processing Signal Processing

Introducing an all-new concept in studio signal processing C Class delivers high-end processing tools to desktop recordists in a friendly, innovative package. Designed to complement each other, they also work great individually.

### C•VALVE TUBE PREAMP



#### Adds the warmth of analog tubes to digital recordings.

A true tube pre-amp that provides pure signal and silky sound. It features variable gain and variable tube process saturation for adding harmonics. Regardless of which mic you use, it will maintain detail and transparency. 48-Volt phantom power, phase and peak limiter round out the

control set. A large analog VU output meter and a 6-segment LED input meter make it easy to adjust the gain. Use its insert points along with a C Class Compressor for a direct path to a gorgeous front end sound. The C•valve provides a digital output as well.

#### C•COM 16 COMPRESSOR



#### A compact, full-featured compressor for the desktop.

A full-featured Stereo Compressor/Limiter with 16 settings. There are fifteen presets and a manual mode for more critical adjustments when required. The C•com 16's controls include variable threshold, ratio, attack, decay,

release and output level. An enhancer provides the added character that is lost under heavy compression. Key output/input for outboard triggering or external filtering of the key signal. A 6-segment LED gain reduction meter and a 6-segment LED input/output meter provides visual monitoring of the circuit's affect.

#### C•COM OPTI OPTICAL COMPRESSOR



#### Adds the magic of optical compression to recordings.

A perfect complement to the computer's hygienically clean sound. The C•com opti's adjustable threshold, ratio, attack, release and output controls are calibrated to generate a distinctive soft, rich character while providing magnificent control over dynamics. An enhancer provides the

added character lost under heavy compression. Key output/input for outboard triggering or external filtering of the key signal. Large analog VU meter for output level or gain reduction.

#### C•CONTROL STUDIO MATRIX

# Provides a control room matrix previously available only on consoles costing thousands.

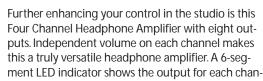
A unique solution for studios with multiple monitors, headphone mixes and tape or digital sources. Provides easy, heretofore impossible to achieve, instant monitor mixes or dubs. Select from three



pairs of speakers with dim and mute. Use the talkback mic to give instructions to the musicians in the headphone mix. Push-to-talk also records slates. Includes a headphone amp with level control. Three sets of stereo ins and outs are included, with dubbing capability to three outputs.

### C•QUE 8 HEADPHONE AMP







nel. There's a main volume for overall level adjustment. An EQ shape circuit offers tone control of each channel and listeners can manage their own personalized mixes. Link outputs allow more than one C•que 8 to be used when needed.

#### S•DIRECT



### As a regular feature of a club sound system or as a durable road piece the S-Direct is the only direct box you'll ever need.

- Perfect for stage and studio
- Switchable input level handles instrument and speaker levels
- $\cdot$  48 Volt phantom power or 9 volt operation with auto battery shut off
- Switchable ground lift
- 1/4" link output

#### S•MONITOR



## An elegant solution for personal monitoring either on stage or in the studio.

- XLR microphone input
- XLR microphone Thru, microphone output to send to main mixer
- 1/4" stereo mix input
- 1/4" stereo mix Thru for daisy chaining additional units
- Microphone volume control
- Mix volume control
- · Two headphone outputs
- 18 Volt AC adapter included

#### S•MIX



#### A miniature 5-channel mixer packed with high-end features.

- 5-channel mini mixer
- XLR balanced microphone input with volume control
- RCA stereo inputs with volume control
- 1/4" stereo inputs with volume control
- RCA stereo outputs
- 1/4" stereo outputs
- 18 Volt AC adapter included

#### S•AMP



#### A 4-channel headphone amplifier ideal for home recording.

- · 4-channel headphone amplifier
- Four 1/4" stereo headphone outputs
- · Individual volume control for each headphone output
- · Stereo 1/4 " input
- 18 Volt AC adapter included

#### S•CONVERT



### A "bump-box", S•Convert is a problem solver for interfacing and level matching consumer and professional audio equipment.

- +4 to -10 audio level converters
- RCA –10 inputs with level control, RCA –10 outputs
- XLR +4 outputs
- XLR +4 inputs with level control
- 18 Volt AC adapter included

S Class Mini
Processors offer
advanced signal
processing in
incredibly durable,
portable enclosures.
Perfect for home,
on the road,
or a quick fix to
a house
sound system.





Samson Mixers give music professionals what they need for every situation.
From rehearsal room, to studio, to live applications—
Samson makes a mixer that will do the job.

*Mixers*Mixers

#### MDR 6 MIXER

The compact MDR 6 is a six input stereo mic/line tabletop mixer in a portable and rugged package. Perfect for a small studio, the MDR 6 features Hard Disc Record mode for recording with a PC.

- Six input stereo mixer
- · Low noise op-amps
- Low impedance circuit design
- 60mm faders on each channel and mains
- 3-band EQ on each channel
- Hard Disc Mode
- Four XLR inputs with mic preamps
- Mono out with level control
- Dual 5-segment LEDs
- · Aux send with effects return
- · Headphone out with level control
- Phantom power
- In-line power supply



#### MDR 8 MIXER

The Samson MDR 8 is an eight channel professional stereo mixer with built-in 24-bit DSP. It can handle up to either eight line ins, four mics and two stereo line ins or six mics all with high quality mic preamps.

- · Eight input stereo mixer
- · Low noise op-amps
- · Low impedance circuit design
- 24-bit DSP effects
- 60mm faders on each channel and mains
- 3-band EQ on each channel
- · Hard Disc Mode
- Six XLR inputs with mic preamps
- Mono out with level control
- Dual 6-segment LEDs
- 2 Aux sends with 2 effects returns
- Headphone out with level control
- Phantom power
- In-line power supply



### MDR 10 MIXER

The MDR 10 stereo mixer packs a lot of professional features into a compact package. High quality mic preamps, 60mm faders, pan control and our great-sounding 24-bit DSP processor.

- 10 channel stereo mixer with 2 + 2 bussing
- Pre amps on each channel
- · Low noise op-amps
- · Low impedance circuit design
- · 24-bit DSP effects
- 60mm faders on each channel and mains
- $\bullet$  3-band EQ with sweepable mids and a low cut filter on channels 1 thru 6
- 10 XLR inputs with mic preamps
- Mono out with level control
- Dual 12-segment LEDs
- 2 Aux sends with 2 effects returns
- · Headphone out with level control
- Phantom power
- 2-track in and out connectors with send to mix switch



#### MDR 16 MIXER

The flagship of the series, the MDR 16 is a true 4-bus stereo mixer. Each of the 16 channels feature a high quality mic preamp, gain control, solo, bus 1-2 and bus 3-4 switches.

- 16 channel stereo 4-bus mixer
- · Pre amps on each channel
- · Low noise op-amps
- Low impedance circuit design
- 24-bit DSP effects
- 60mm faders on channels, busses and mains
- 3-band EQ with sweepable mids and a low cut filter on channels 1 thru 8
- 16 XLR inputs with mic preamps
- Mono out with level control
- Dual 12-segment LEDs
- 2 Aux sends with 2 effects returns
- Headphone out with level control
- Phantom power
- 2-track in and out connectors with send to mix switches



Transparent sound, low noise and high quality mic preamps were the criteria when developing the new MDR (Maximum Dynamic Range) series of mixers. MDR mixers have features found no where else, like our exclusive Hard Disc Mode (HDM), found on the MDR 6 and 8. that eliminates delay between instrument and monitor mix when recording to hard disc. The larger MDRs feature great sounding 24-Bit DSP effects.

From its high headroom (+27 dBu output) design to its durable extruded aluminum chassis, the AC or battery-powered Mixpad 4 is a natural choice for field recording.

- Ultra-compact 4-channel audio mixer
- 2 mic/line inputs and 1 stereo input (4 channels total)
- Battery operation (three 9V) and external AC power supply included
- Shoulder strap included
- 1 aux send (post fader)
- 1 stereo effects return
- Independent 3-band EQ on each channel with up to 15 dB of boost or cut
- Adjustable mic input trims
- Peak overload LEDs on left and right main output
- Constant-level pan controls (mono channels) and balance control (stereo channel)
- · Balanced stereo output
- Switchable phantom-powered XLR mic input connectors
- 12-hour battery life



### TM300 STEREO POWERED MIXER

Offering remarkable versatility for the price, the TM300 powered mixer is ideal for all kinds of live sound reinforcement jobs.

- 6 channel table-top/rack-mountable powered mixer
- 6 mono mic/line channels
- Stereo power amp produces 150 watts per side into 4 ohms
- Dual 7-band graphic EQ on main output
- · 3-band EQ on each channel
- 2-band EQ for stereo channels
- 3 preset DSP effects
- 2 Aux sends per channel
- 2 Aux returns
- · Fan-cooled bipolar amp design
- Phantom power



### TM500 STEREO POWERED MIXER

The TM500 powered mixer is an all-in-one package designed for small clubs, theater and other applications.

- 10 channel table-top/rack-mountable powered mixer
- 2 stereo channels, 8 mono mic/line channels
- Stereo power amp produces 250 watts per side into 4 ohms
- Dual 7-band graphic EQ on main
- 3-band EQ on mono channels, 2-band EQ on stereo channels
- Built-in DSP section with up to 256 effect variations
- 2 Aux sends per channel
- 2 Aux returns
- Fan-cooled bipolar amp design
- Phantom power



### PA324 POWERED MIXER

Rugged and ready to go, the PA324 dual amp powered mixer with 24-bit DSP handles up to six mic/line inputs with power to spare.

- 6 channel powered mixer with 6 XLR inputs with mic preamps
- Power amp produces 150 watts per side (stereo) 300 watts (bridged)
- 3-band EQ on each channel, 7-band graphic EQ on mains
- 24-bit DSP effects
- Effects and monitor sends on each channel
- Mono out with level control
- Dual 7-segment LEDs
- Phantom power
- Carpeted wood cabinet complete with corners and handle



14

Rack Accessories Resolv Studio Monitors

#### S'PATCH PLUS PATCH BAY

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The ultimate patch bay. Fully balanced and extremely durable, our 48-point patch bay makes all your connections easy.

- Rack mount 3-way front panel mode switches
- · Normal, half-normal and through mode operation
- 1/4" TRS connectors

### POWERBRITE™ PRO POWER DISTRIBUTION



The ultimate rack accessory. Provides power distribution, metering and lighting.

- Front panel voltmeter and current meter to accurately monitor power conditions
- · Adjustable pull-out tray with silent fluorescent lamp, rear panel connection for supplied goose neck lamp
- Pro7 (U.S.) features 6 rear panel AC outlets, Pro9 (E.U.) features 8 rear panel IEC outlets
- Unswitched front panel outlet for constant power applications
- 15 amp circuit breaker
- Accepts AC power brick adapters

### POWERBRITE RACK POWER DISTRIBUTION



The PowerBrite is a highly practical add-on for live, studio and fixed installations.

- · Adjustable pull-out tray with silent fluorescent light
- PB9 (U.S.) features 8 rear panel outlets, PB11 (E.U.) has 10 rear panel IEC outlets
- Unswitched front panel outlet for constant power applications
- 15 amp circuit breaker
- Accepts AC power brick adapters

### POWERSTRIP RACK POWER DISTRIBUTION



PowerStrip supplies eight switched AC outlets on the rear panel along with special noise filters and surge/spike protection.

- PB9 (U.S.) features 8 rear panel outlets, PB11 (E.U.) has 10 rear panel IEC outlets
- · Unswitched front panel outlet
- AC noise filtering
- Surge/spike protection
- 15 amp circuit breaker
- Accepts AC power brick adapters

#### RESOLV 50a ACTIVE REFERENCE MONITORS

Powerful and compact, Resolv 50a monitors sound rich and accurate, and are ideal for tight spots.

- Dual power amp (50 watts low and 25 watts high)
- 5.25" polypropylene butyl surround woofer
- 1" ferro-fluid filled titanium tweeter
- Active crossover
- 1/4" and RCA inputs
- · Ported, tuned cabinet
- Wall mountable (with optional bracket)



#### RESOLV 65a ACTIVE REFERENCE MONITORS

Powerful and accurate, it's like having four different sets of monitors in your studio thanks to the adjustable midrange control.

- Dual power amp (75 watts low and 25 watts high)
- Four-position midrange contour control
- 6.5" polypropylene butyl surround woofer
- 1" ferro-fluid filled titanium tweeter
- Active crossover
- XLR, 1/4" and RCA inputs
- Ported, tuned cabinet

Also available in a passive version, the Resolv 65, featuring a custom-designed passive crossover.



#### RESOLV 80a ACTIVE REFERENCE MONITORS

Ideal for mid- to large-sized control rooms where high volume and serious bass response are required.

- Dual power amp (75 watts low and 25 watts high)
- Four-position midrange contour control
- 8" copolymer butyl surround woofer
- 1" ferro-fluid filled titanium tweeter
- Active crossover
- XLR, 1/4" and RCA inputs
- Ported, tuned cabinet

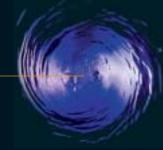


#### RESOLV 120a SUBWOOFER

By taking advantage of the mute switch, you can a/b your mix with or without a powered subwoofer.

- 120 watt amplifier
- · Heavy-duty 10" driver
- 40–180 Hz.
- Active crossover
- Phase switch
- Auto sleep mode
- Mute switch jack





Resolv monitoring

systems for studio applications offer incredible sound quality as well as flexibility. Resolv 65a and 80a powered monitors offer a unique four position curve control that allow the user to listen to a mix four different ways, each emulating a different EQ curve. It's like having four sets of monitors in your studio. Add the 120a for even

more monitoring

options.



**Expedition Express** from Samson. Two speakers, one with a builtin power amp and mixer, a microphone and all the cables. Plus one important detail otherportable PA systems leave out: Sound quality. Perfect for any traveling music or P.A. application; ideal for education and business environments. The Expedition Express even works out-of-doors using the RB2030 rechargeable battery. Other optional accessories include a wireless mic system and cassette deck.

#### EXPEDITION EXPRESS



- 250 watt amplifier
- 12" heavy-duty driver
- 12 neavy-duty driver
- 1" titanium compression driver with elliptical wave-guide horn
- Built-in mixer with DSP reverb and echo
- Samson microphone, cables and mic clip
- · Lightweight, yet heavy-duty, molded resin cabinets
- Built-in handle and wheels



The two speaker cabinets lock easily together, and all the accessories fit in the back.



### EXPEDITION PRO XP100

#### Passive 2-Way Speaker

- Custom 12" Celestion driver
- 1" Titanium compression driver
- Scuff resistant textured finish
- Heavy duty steel grill
- Convenient built-in wheels and telescoping handle
- Compact and light weight (28.5 lbs)
- 250W/400W peak power rating



### EXPEDITION PRO XP200

#### Powered 2-Way Speaker System

- Custom 12" Celestion driver
- 1" Titanium compression driver
- Built-in Bi-amplification totaling 200 watts
- Speaker overload protection circuitry
- · Heavy duty cabinet and steel grill
- Convenient built-in wheels and telescoping handle
- Compact and light weight (42 lbs)



incredible thanks to custom designed Celestion drivers, new electronics and new Titanium high frequency drivers. Great speakers for public address, music playback or floor monitoring. The portable XP300 features 200 watts of built-in power, a 4-channel mixer and DSP effects. **Expedition Pro** speakers are available in both passive and active models.

Samson's all-new

**Expedition Pro** 

speakers sound

#### EXPEDITION PRO XP300

#### Powered 2-Way Speaker with 4-Channel mixer and DSP Effects

- Professional level public address, monitor or music playback system
- Custom 12" Celestion driver
- 1" Titanium compression driver
- Built-in Bi-amplification totaling 200 Watts
- Built-in 4 channel mixer with 3 mic/4 line inputs
- High-quality digital reverb
- Stereo line out allows for daisy-chaining additional speakers
- Optional cassette deck, wireless mic system and battery available
- Heavy duty cabinet and steel grill
- · Convenient built-in wheels and telescoping handle
- Compact and light weight (46 lbs)





## dB500a and dB500

Unquestionably the finest sounding large format PA speaker available today. The dB500a powered speaker, and its passive counterpart the dB500 represent one of the most extensive R&D projects ever taken on by Samson.

dB500a



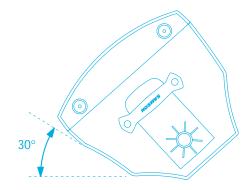
#### The dB500a powered loudspeaker

Inside our rigid custom designed cabinet is a 15" driver designed exclusively for this project. It's matched with a new 1.75" titanium high frequency driver, aimed through a 1" diameter horn. The dB500a features 500 watts of Class H power (400 watts low frequency/100 watts high frequency) and has a crossover designed for high SPL. Our exclusive Optimax™ signal processing circuitry provides total speaker protection but won't cut the low end at high volumes, as similar speakers with sliding filters do.

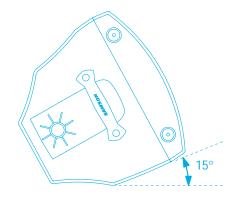


The back panel has a built-in mixer-like preamp section with mic and line inputs, XLR connectors and level controls. Controls for the selectable low pass filter and Optimax processing are also included.

#### Near Field



Far Field



**STAGE MONITOR POSITIONS**dB500 and dB500a speakers are also designed to work as floor monitors. The cabinet is designed to provide two different monitor angles, depending on the application and size of the stage.

#### dB500



#### dB500 Passive Loud Speaker

The passive dB500 has many of the same features as the dB500a, including the same rugged enclosure and advanced drivers. A natural sounding fixed crossover is built-in, and the back panel features 1/4" and XLR connectors.





Both dB500 and dB500a speaker cabinets feature an array of mounting options. Designed with floor monitoring in mind, they are also easily stacked or permanently installed. A 1 3/8" pole receptacle is built in, and 10 reinforced fly points are available.

### EX500 ACTIVE SUBWOOFER

An excellent sub for serious sound reinforcement, and the perfect match for the dB500a.

The EX500 provides 500 Watts of power driving a custom, heavy-duty 15" low frequency driver. It is the ideal complement to the dB500/dB500a, or our Expedition Pro speakers. The built-in stereo crossover lets you use the EX500 in mono or as a common subwoofer in a stereo system. It also features a steel grill and rigid corners for durability, as well as an integral pole mount for conveniently mounting Expedition cabinets above.



Samson microphones

combine quality

mic capsules and

electronics inside

rugged, great

looking cases.

For the road or

stage or the

Samson has a

microphone

solution at a

great price.

the studio: for the

conference room:

elegant

### C01 CONDENSER MIC

Now there is a high-quality studio condenser mic for everyone. The CO1 is accurate and detailed, and adds warmth and richness to acoustic guitar and vocals. The CO1 also excels as an overhead drum or room mic.

- · Cardioid pickup pattern
- · Large 19mm diaphragm
- · Heavy gauge mesh grill
- · Gold plated XLR connector
- LED indicates 48V phantom power
- · Smooth, flat frequency response
- Swivel stand mount
- Optional SP01 shock mount available





### CO2 PENCIL CONDENSER MIC

A beautifully crafted pencil-style condenser for use with acoustic instruments, cymbals, percussion, piano and overhead micing applications. Sold as a stereo pair.

- · Highly-focused cardioid condenser pickup pattern
- · Gold-plated XLR connectors
- · Carry case and two shock-mount mic clips included



### CO3 MULTIPATTERN CONDENSER MIC

An incredibly flexible and great sounding studio condenser microphone. Perfect for recording multiple vocals at once, acoustic instruments room micing and more.

- · Switchable cardioid, omni and figure-8 pick up patterns
- Dual 19mm capsule design
- Switchable high-pass filter
- Switchable10 dB pad
- Gold plated XLR connector
- · LED indicates 48V phantom power
- · Carry case and swivel stand mount included
- · Optional SP01 shock mount available



### C05 HAND-HELD CONDENSER MIC

The new C05 condeser mic offers Samson condenser technology in a comfortable to use hand held design.

- Cardioid pickup pattern
- · Smooth, flat frequency response
- · Multi-axis shock-mounted element
- Gold-plated XLR connectors
- · Carry case and mic clip included



### Q1 CONDENSER MIC

The Q1 condenser microphone brings a high level of accuracy and audio performance to vocal micing applications.

- Ideal for live performance vocals, public speaking, project studio vocals
- Accurate, full range audio performance
- · Tight cardioid pattern reduces feedback
- Shock mounted element minimizes handling noise
- Phantom power required
- Withstands high SPLs
- Linear frequency response



### QMIC HYPERCARDIOID VOCAL MIC

Fast, highly precise and designed for today's live sound reinforcement and PA situations.

- Perfect for live performance and public speaking
- Special midrange "peak" at 2 kHz for better vocal reproduction
- Advanced Neodymium element delivers high output
- · Hypercardioid pattern allows maximum gain before feedback
- · Aluminum humbucking voice coil provides hum rejection
- Multi-axis shock-mount minimizes handling noise
- Gold-plated XLR connector, die-cast zinc casing and anti-dent ring



## Q2 CARDIOID MIC

An effective choice for micing vocals, amplifiers and instruments, and as a multi-purpose mic for project recording.

- Advanced Neodymium element delivers high output
- · Cardioid polar pattern reduces feedback
- Transformerless design provides extended low frequency reproduction
- · Aluminum humbucking voice coil provides hum rejection
- Switchable 10 dB pad for use with high SPL sources
- Switchable 12 dB per octave high pass filter helps eliminate rumble
- Multi-axis shock-mount mic reduces handling noise
- Gold-plated XLR connector, die-cast zinc casing and anti-dent ring



### Q3 HYPERCARDIOID INSTRUMENT MIC

Designed to excel in kick drum and instrument miking applications, the Q3 provides consistent output with unmatched sound in high SPL situations.

- Advanced Neodymium element delivers high output
- Hypercardioid pattern reduces feedback
- Mic rotates 90° for easy positioning
- Transformerless design provides extended low frequency reproduction
- · Aluminum humbucking voice coil provides hum rejection
- Switchable 10 dB pad facilitates use with high sound pressure level sources such as bass drums
- Switchable 12 dB per octave high pass filter helps eliminate rumble
- Triple-plated multi-stage windscreen allows close proximity use with minimal noise
- Multi-axis shock-mount mic element enables quiet performance
- · Gold-plated XLR connector, die-cast zinc casing and anti-dent ring
- Foam-lined carry case, mic clip and "Euro-metric" mic stand adapter included



Samson's all-new

Q Series dynamic

phones are built

last. Designed for high SPL, each of

these dynamic

mics will provide

clean, clear drum

tones in the stu-

dio or on the

road.

drum micro-

### Q7 CARDIOID DYNAMIC MIC

The finest Neodymium hand-held dynamic microphone we make. The ultimate all-around microphone.

- Outstanding vocal mic for stage and studio
- · High output, low impedance design
- Neodymium dynamic mic element
- · Cardioid pickup pattern
- Multi-axis shock-mounted element
- Carry case and mic clip included



#### Q SNARE DYNAMIC DRUM MIC

Designed for high SPL and durability, the Q Snare is the right choice for stage and studio.

- High SPL dynamic mic in a rugged casing
- Cardioid polar pattern reduces feedback
- Smooth, flat frequency response
- Voiced particularly for snare drum
- Gold-plated XLR connector
- Rigid rim-mount mic clip with cable management included
- · Carry case included



#### Q TOM DYNAMIC DRUM MIC

Sold in a three pack, the Q Tom is the perfect complement to the Q Snare.

- High SPL dynamic mic in a rugged casing
- · Cardioid polar pattern reduces feedback
- Smooth, flat frequency response
- Voiced particularly for toms
- · Gold-plated XLR connector
- Rigid rim-mount mic clip with cable management included
- 3KIT Carry case included



### Q KICK DYNAMIC DRUM MIC

An incredibly well-made kick drum mic. Rigid, and featuring a huge diaphragm element, the Q Kick sounds better than mics costing hundreds more.

- · Large diphragm dynamic element
- · Cardioid polar pattern reduces feedback
- · Gold-plated XLR connector
- · Mic stand swivel mount included
- · Carry case included



### 3KIT 3-PIECE TOM MIC SET

#### A three pack of our great-sounding rugged tom mics in a sturdy road case.

- Includes three of our rugged Q Tom dynamic drum mics
- High SPL dynamic mic in a rugged casing
- · Carry case and three rim mic clips included



#### A comprehensive drum mic set up in a sturdy road case.

- Five piece drum mic kit
- One Q Kick kick drum mic with mic stand swivel mount
- One Q Snare snare mic with rim clip
- Three Q Tom tom mics with rim clips
- Road case included



Everything you could want for micing drums. A complete set of our dynamic drum mics and a pair of CO2 pencil condenser mics for overheads or close-micing cymbals.

- Seven piece drum mic kit
- One Q Kick kick drum mic with mic stand swivel mount
- One Q Snare snare mic with rim clip
- Three Q Tom tom mics with rim clips
- •Two CO2 pencil condenser mics with shock-mount clips
- Road case included



- Hypercardioid polar pattern
- Neodymium mic element for increased output in high SPL situations
- Transformerless design provides extended low frequency reproduction
- External on/off switch
- · Rugged metal die-cast case and steel mesh windscreen



#### R21 CARDIOID DYNAMIC MIC

The R21 features a tight cardioid pickup pattern for maximum gain before feedback. The R21 is sold in 3-pack.

- High output dynamic element
- · Unidirectional cardioid polar pattern for maximum gain before feedback
- Withstands high sound pressure levels
- Dual stage windscreen
- Excellent for live performance and recording
- Rugged road-proof design
- Gold plated XLR connector



### R21S CARDIOID DYNAMIC MIC

The R21S has all the features of the R21, with the addition of an on/off switch. The R21S is sold individually.

- High output dynamic element
- Unidirectional cardioid polar pattern for maximum gain before feedback
- · Withstands high sound pressure levels
- Dual stage windscreen
- · Excellent for live performance and recording
- Rugged road-proof design
- Gold plated XLR connector



### HM40 HORN CONDENSER MIC

This mini condenser is designed for horns, rich and clear, focused, with the abilty to handle serious SPL.

- · High output miniature condenser mic element
- Surdy clip and flexible goose neck
- Excellent for live performance and recording
- P-3 three-pin mini XLR connector
- PM5 phantom power adapter (P-3 to standard XLR)
- Rugged road case included



### S11 CARDIOID DYNAMIC MIC

A durable multi-purpose mic suitable for recording, live sound and PA use.

- · Cardioid pickup pattern reduces feedback
- Low impedance output
- · Heavy gauge mesh grill with anti-dent ring
- Die-cast zinc casing
- Carry case and mic clip included



### S12 HYPERCARDIOID DYNAMIC MIC

A Neodymium mic element and a Hypercardioid pattern allow for maximum gain before feedback.

- · Advanced Neodymium element delivers high output
- · Hypercardioid pattern reduces feedback
- Internal shock mount element reduces handling noise
- · Heavy gauge mesh grill with anti-dent ring
- Die-cast zinc casing
- Gold-plated XLR connector
- · Mic clip and carry case included



### VP1 MICROPHONE PACKAGE

A complete microphone solution, the VP1 combines an R21 dynamic mic and all the accessories.

- R21 dynamic mic
- Heavy-duty die cast and steel construction tripod mic stand with non-slip easy grab clutch
- Mic clip with euro adapter
- Low noise high performance 25' mic cable



### QE EXERCISE HEADSET MIC

QE headset mic is light, comfortable and specifically designed for aerobics and fitness training.

- Advanced moisture-resistant condenser mic element
- Hypercardioid pattern to reduce feedback
- 50 Hz to 18 kHz frequency response for clear, articulate sound
- · Lightweight and comfortable
- · Special adjustable headband for closer fit
- · Adjustable metal gooseneck for easy mic positioning
- Locking detachable P3 connector reduces cable/connection problems
- PM4 phantom power adapter included



#### QV VOCAL HEADSET MIC

The Qv headset mic allows drummers, keyboardists and other musicians to perform "hands free" vocals without affecting their playing technique.

- Sophisticated condenser mic element
- Hypercardioid pattern helps eliminate feedback
- 50 Hz to 18 kHz frequency response for a balanced, full-range sound
- Withstands high sound pressure levels
- · Lightweight and comfortable design
- Adjustable metal gooseneck for easy mic positioning
- Locking detachable P3 connector reduces cable/connection problems
- PM4 phantom power adapter included



### PM4 PHANTOM POWER ADAPTER

The PM4 provides a phantom power interface between a mixer and condenser lavalier or headset mics.

- Special interface enables a mixer to provide phantom power to condenser microphones
- · Lockable mini-XLR input
- Transformer balanced XLR output
- Durable metal housing
- Belt clip



### RH600 HEADPHONES

Top-of-the-line drivers and sophisticated circuitry to provide true "reference quality" audio.

- 40mm drivers with Neodymium magnets and ultra thin mylar diaphragms
- Frequency response from 20Hz to 22kHz
- Open-back design
- Heavy-duty cable with a gold mini phone plug and 1/4" gold adapter included
- Self-adjusting head band for comfortable fit

#### RH300 HEADPHONES

An open-back design with acoustic mesh fabric provide an enhanced ambient listening experience.

- High performance drivers with Neodymium magnets
- Open-back design
- Wide dynamic range and flat frequency response of 20Hz to 22kHz
- Heavy-duty cable with a gold mini phone plug and 1/4" gold adapter included



#### RH100 HEADPHONES

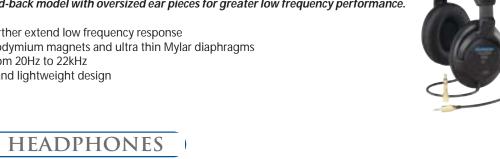
Great for studio and/or home, the RH100 combines professional specs, exceptional comfort and high quality audio.

- High performance transducers with Neodymium magnets
- Open-back design
- Heavy-duty cable with a gold mini phone plug and 1/4" gold adapter included

### CH700 HEADPHONES

Professional level closed-back model with oversized ear pieces for greater low frequency performance.

- Oversized earpieces further extend low frequency response
- 40mm drivers with Neodymium magnets and ultra thin Mylar diaphragms
- Frequency response from 20Hz to 22kHz
- Adjustable headband and lightweight design





An excellent all-purpose headphone for situations that require a closed-back design for isolation.

- 40mm drivers with Neodymium magnets and ultra thin Mylar diaphragms
- Frequency response from 20Hz to 22kHz
- · Adjustable headband and lightweight design

#### PH60 MOBILE HEADPHONES

Designed to offer great sound in a lightweight, "see-through blue" design for personal stereo listening.

- 34mm Mylar drivers with isotropic ferrite magnets
- Frequency response from 20Hz to 18kHz
- Nickel-plated mini phone plug and 1/4" adapter included







Power Amplifiers			340 W into 8 $\Omega$ per channel		160, 200, 250, 315, 400, 500, 630, 800,	Net Weight	5.25 lb (2.4kg)
			1090 W into 8 $\Omega$ bridged		1 k, 1.25 k, 1.6 k, 2 k, 2.5 k, 3.15 k, 4 k,	Shipping Weight	7.5 lb (3.4kg)
Servo 120		Frequency Response (-3 dB):	10 Hz to 20 kHz		5 k, 6.3 k, 8 k, 10 k, 12.5 k, 16 k, 20 k		
Rated Output Power (1KHz):	60 W into 4 Ω per channel	Channel Separation:	80 dB, (4 ohm, 125 W, 1 kHz)	Variable range	±6 dB, ±12 dB, -12 dB, -24 dB	S•3-Way	Stereo/Mono Crossover
	52 W into 8 Ω per channel	Distortion THD:  Dynamic Range:	< .04% 103 dB	Frequency response (unity)	<10 Hz to 90 kHz	Inputs	Female Balanced XLR
Frequency Response (-3 dB):	120 W into 8 $\Omega$ bridged < 10 Hz to 100 kHz	Voltage Gain (4 ohm, 1 kHz):	35.2 dB	Distortion THD  Low Cut Switch and Frequency knob	Less than 0.01% 18 dB/ oct swept @ 15Hz to 400 Hz	Max. Input level	+26dBu balanced
Crosstalk (adj. channels):	80 dB 1 kHz @ rated output	DC Offset Voltage	0 ± 100 mV	Noise (with 20 kHz LPF, all faders flat)	-85 dB	Outputs	Male Balanced XLR
Distortion THD:	<.05%	Damping Factor	More than 200	Level Meter	8-segment LED	Max. Output Level	+26dBu
Distortion at rated power:	< .05%	Dimensions:	3.5" (h) x 19" (w) x 16.75" (d)	Dimensions	1.75" (h) x 19" (w) x 10.75" (d)	Frequency Response	<10Hz to >90kHz, +0 / -3dB
Input Sensitivity (level control at maximum):	+4 dBu		88 mm (h) x 482 mm (w) x 425 mm (d)		44 mm (h) x 482 mm (w) x 273 mm (d)	Signal to Noise	(Ref +4dBu), 22Hz to 22kHz, unweighted
Headphone Output Level:	240 mW at 8 $\Omega$ (1 kHz)	Weight:	36 lb • 16.33 kg	Weight	5.7 lb. • 2.6 kg	Signal to rvoise	90dB high out, mid 90dB, low 94dB,
Power Consumption:	240 W @ 120 V/60 Hz	\$1500		C. O 221	Dual 24 hand bis 50		all outs >100dB muted.
Dimensions:	270 W @ 220 V/50 Hz 1.75" (h) x 17.5" (w) x 11.5" (d)	Rated Output Power (1 kHz):	780 W into 4 $\Omega$ per channel	S•Curve 231 Center frequencies (Hz)	<b>Dual 31-band graphic EQ</b> 20, 25, 31.5, 40, 50, 63, 80, 100, 125,	CMRR	Min. 50dB, >55dB @ 1 kHz
Difficialists.	44 mm (h) x 444 mm (w) x 292 mm (d)		550 W into 8 Ω per channel	Certier frequencies (FIZ)	160, 200, 250, 315, 400, 500, 630, 800,	Crossover Type	Linkwitz-Riley, 24dB / Octave
Weight:	15.6 lb • 7 kg		1550 W into 8 $\Omega$ bridged		1 k, 1.25 k, 1.6 k, 2 k, 2.5 k, 3.15 k, 4 k,	Crossover 1 Channel 1	35Hz to 800Hz
		Frequency Response (-3 dB):	9 Hz to 42 kHz		5 k, 6.3 k, 8 k, 10 k, 12.5 k, 16 k, 20 k		350Hz to 8kHz / with 10X multiplier
Servo 170		Channel Separation:	82 dB, (4 ohm, 125 W, 1 kHz)	Variable range	±6 dB, ±12 dB, -12 dB, -24 dB		18Hz to 400Hz / 4 Way Low Mode
Rated Output Power (1 kHz):	85 W into 4 $\Omega$ per channel	Distortion THD:	< .021%	Frequency response (unity)	<10 Hz to 90 kHz	Crossover 1 Channel 2	35Hz to 800Hz
[	60 W into 8 Ω per channel	Dynamic Range: Voltage Gain (4 ohm, 1 kHz):	101 dB 37.3 dB	Distortion THD	Less than 0.01%		350Hz to 8kHz / with 10X multiplier
Frequency Response (-3dB): Crosstalk (adj. channels):	<20 Hz to 50 kHz 85 dB 1kHz @ rated output	DC Offset Voltage	0 ± 200 mV	High Cut Switch and Frequency knob Low Cut/Sub Frequency Crossover	18 dB/ oct swept @ 5kHz to 25kHz Variable Internal 2-way	Crossover 2 Channel 1	350Hz to 8kHz
Distortion THD:	<.01%	Damping Factor	More than 200	Sub Controls	Gain, Frequency, Sub Mono Switch	Giossova 2 Gianne i	175Hz to 4kHz / 4 Way Low Mode
Input Sensitivity (level control at maximum):	O dBm	Dimensions:	5.25" (h) x 19" (w) x 16.75" (d)	Noise (with 20 kHz LPF, all faders flat)	-85 dB	Crossover 2 Channel 2	350Hz to 8kHz
Power Consumption:	330 W (115 Vac)		133 mm (h) x 482 mm (w) x 425 mm (d)	Level Meter	8-segment LED	Clossover 2 Channel 2	700Hz to 8kHz / 4 Way Low Mode
	330 W (230/240 Vac)	Weight:	31 lb • 14.06 kg	Dimensions	3.5" (h) x 19" (w) x 10.375" (d)	Lligh Dass Filter	-3dB @ 15Hz 3 pole, 18dB / Octave
Dimensions:	3.5" (h) x 19" (w) x 9.5" (d)				88.9 mm (h) x 482 mm (w) x 263 mm (d)	High Pass Filter	• • •
	88 mm (h) x 482 mm (w) x 240 mm (d)	\$2000 Rated Output Power (1 kHz):	1020 \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\	Weight	5.7 lb. • 2.6 kg	Dimensions	1.3/4" (44.5 mm) x 19" (482.6 mm) x 8.1/2" (217 mm)
Weight:	13.7 lbs. • 6.2 kg	kated Output Power (1 kHz):	1020 W into 4 $\Omega$ per channel 685 W into 8 $\Omega$ per channel	Processors		N I - 4 \ N / - ! - I - 4	
Servo 260			2025 W into 8 Ω bridged	Processors		Net Weight	6.6 lb (3kg)
Rated Output Power (1 kHz):	130 W into 4 $\Omega$ per channel	Frequency Response (-3 dB):	10 Hz to 50 kHz	S•com	Stereo Compressor	Shipping Weight	9.4 lb (4.3kg)
	90 W into 8 Ω per channel	Channel Separation:	85 dB, (4 ohm, 125 W, 1 kHz)	Frequency Response	<10Hz to 20kHz +0 / -0.1dB effect out,		
Frequency Response (-3 dB):	20 Hz to 50 kHz	Distortion THD:	< .016%	riequency needponse	-0.4dB @ 100kHz,	S•phone	4 Channel Headphone Mixer/Amp
Crosstalk (adj. channels):	85 dB 1 kHz @ rated output	Dynamic Range:	98 dB		<10Hz to 20kHz +0 / -0.1dB effect in,	Input	2 TRS Balanced 1/4" (Left-Right) or (Left mono)
Distortion THD:	<.03%	Voltage Gain (4 ohm, 1 kHz):	38.25 dB		-3dB @ >100kHz	Max. input level	+26dBu balanced
Input Sensitivity (level control at maximum):	O dBm	DC Offset Voltage	0 ± 100 mV More than 200	Dynamic range	116dBu, un-weighted, 22Hz to 22kHz	CMRR:	Min 40dB, >55dB @ 1 kHz
Power Consumption:	490 W (115 Vac)	Damping Factor Dimensions:	5.25" (h) x 19" (w) x 16.75" (d)	THD	0.008 % typ. @ +4 dBu, 1kHz effect out,	Frequency response	10Hz to 32kHz, +0 / -3dB
Dimensions:	490 W (230/240 Vac) 3.5" (h) x 19" (w) x 9.5" (d)	Differisions.	133 mm (h) x 482 mm (w) x 425 mm (d)		0.016% effect in	Noise	> 90dB, unweighted, 22Hz to 22kHz
Difficultions.	88 mm (h) x 482 mm (w) x 240 mm (d)	Weight:	36 lb • 16.33 kg	Crosstalk	>95dB, 22Hz to 22kHz	THD	0.008 % typ. @ +4dBu, 1kHz
Weight:	17.6 lbs. • 8 kg			Operating Level	Selectable +4dBu / -10dBV	Max. output level	140mW at 32ohms, 385mW at 66ohms.
·	, and the second	F800		Max. Input Level	+21dBu, balanced	Impedance minimum	8Ohms
Servo 550		Rated Output Power (1 kHz):	425 W into 4 $\Omega$ per channel	CMRR	Min 40dB, >50dB @ 1kHz	Dimension	1 3/4" (44.5mm) x 19" (482.6mm)
Rated Output Power (1 kHz):	275 W into 4 $\Omega$ per channel		260 W into 8 Ω per channel	Max. Output Level	+21dBu Balanced		x 8 1/2" (217mm)
	235 W into 8 Ω per channel	F	830 W into 8 Ω bridged	Dimensions	1 3/4" (44.5mm) x 19" (482.6mm)	Net Weight	5.5 lb (2.5kg)
Frequency Response (-3 dB):	550 W into 8 $\Omega$ bridged $<$ 10 Hz to 85 kHz	Frequency Response (+OdB, -1dB): Channel Separation:	10 Hz to 60 kHz 80 dB, (4 ohm, 125 W, 1 kHz)	Difficialons	x 7 3/4" (197mm)	Shipping Weight	8 lb (3.8kg)
Crosstalk (adj. channels):	-74 dB, 1 kHz @ rated output	Distortion THD:	< .04%	Net Weight	4.8 lb (2.2kg)		
Distortion THD:	<.06%	Dynamic Range:	105 dB	Shipping Weight	7.5 lb (3.4kgs)	S•gate 4	4 Channel Gate/Ducker
Input Sensitivity (level control at maximum):	+4 dBu	Voltage Gain (4 ohm, 1 kHz):	33.5 dB		(		
Power Consumption:						Input	XLR and 1/4" TRS jack
	360 W (120 Vac)	DC Offset Voltage	$0 \pm 100 \text{ mV}$	S+Com Plus	Stereo Compressor/Limiter	Input Impedance	XLR and $1/4^{\circ}$ TRS jack 20k Ohm balanced, 10k Ohm unbalanced
	395 W (220 Vac)	Damping Factor	More than 100	S • Com Plus Frequency Response	Stereo Compressor/Limiter	Impedance Max. Input Level	20k Ohm balanced, 10k Ohm unbalanced +21 dBu, balanced and unbalanced
Dimensions:	395 W (220 Vac) 5.2" (h) x 19" (w) x 9.2" (d)		More than 100 5.25" (h) x 19" (w) x 11.5" (d)	S • Com Plus Frequency Response	Stereo Compressor/Limiter <10Hz to 20kHz +0 / -0.1dB effect out, -0.4dB @ 100kHz,	Impedance Max. Input Level Output	20k Ohm balanced, 10k Ohm unbalanced +21 dBu, balanced and unbalanced XLR and 1/4" jack
	395 W (220 Vac) 5.2" (h) x 19" (w) x 9.2" (d) 132mm (h) x 482mm (w) x 234mm (d)	Damping Factor Dimensions:	More than 100 5.25" (h) x 19" (w) x 11.5" (d) 133 mm (h) x 482 mm (w) x 292 mm (d)		<10Hz to 20kHz +0 $/$ -0.1dB effect out, -0.4dB @ 100kHz,	Impedance Max. Input Level Output Max. Output Level	20k Ohm balanced, 10k Ohm unbalanced +21 dBu, balanced and unbalanced XLR and 1/4" jack +21 dBu, balanced and unbalanced
Dimensions: Weight:	395 W (220 Vac) 5.2" (h) x 19" (w) x 9.2" (d)	Damping Factor	More than 100 5.25" (h) x 19" (w) x 11.5" (d)		<10Hz to 20kHz +0 / -0.1dB effect out,	Impedance Max. Input Level Output	20k Ohm balanced, 10k Ohm unbalanced +21 dBu, balanced and unbalanced XLR and 1/4* jack +21 dBu, balanced and unbalanced 100-120 V AC; 250 mA (slow-blow)
Weight:	395 W (220 Vac) 5.2" (h) x 19" (w) x 9.2" (d) 132mm (h) x 482mm (w) x 234mm (d)	Damping Factor Dimensions:	More than 100 5.25" (h) x 19" (w) x 11.5" (d) 133 mm (h) x 482 mm (w) x 292 mm (d)		<10Hz to 20kHz +0 / 0.1dB effect out, -0.4dB @ 100kHz, <10Hz to 20kHz +0 / -0.1dB effect in,	Impedance Max. Input Level Output Max. Output Level Fuse	20k Ohm balanced, 10k Ohm unbalanced +21 dBu, balanced and unbalanced XLR and 1/4* jack +21 dBu, balanced and unbalanced 100-120 V AC; 250 mA (slow-blow) 200-240 V AC: 125 mA (slow-blow)
	395 W (220 Vac) 5.2" (h) x 19" (w) x 9.2" (d) 132mm (h) x 482mm (w) x 234mm (d)	Damping Factor Dimensions: Weight:	More than 100 5.25" (h) x 19" (w) x 11.5" (d) 133 mm (h) x 482 mm (w) x 292 mm (d)	Frequency Response	<10Hz to 20kHz +0 / 0.1dB effect out, -0.4dB @ 100kHz, <10Hz to 20kHz +0 / -0.1dB effect in, -3dB @ >100kHz	Impedance Max. Input Level Output Max. Output Level	20k Ohm balanced, 10k Ohm unbalanced +21 dBu, balanced and unbalanced XLR and 1/4* jack +21 dBu, balanced and unbalanced 100-120 V AC; 250 mA (slow-blow)
Weight: S500	395 W (220 Vac) 5.2" (h) x 19" (w) x 9.2" (d) 132mm (h) x 482mm (w) x 234mm (d) 32.4 lb • 14.7 kg	Damping Factor Dimensions:  Weight:  F1200	More than 100 5.25" (h) x 19" (w) x 11.5" (d) 133 mm (h) x 482 mm (w) x 292 mm (d) 30.5 lb $\bullet$ 13.8 kg 840 W into 4 $\Omega$ per channel 430 W into 8 $\Omega$ per channel	Frequency Response  Dynamic range	<10Hz to 20kHz +0 / 0.1dB effect out, -0.4dB @ 100kHz, <10Hz to 20kHz +0 / -0.1dB effect in, -3dB @ >100kHz 116dB, un-weighted, 22Hz to 22kHz	Impedance Max. Input Level Output Max. Output Level Fuse Power Consumption	20k Ohm balanced, 10k Ohm unbalanced +21 dBu, balanced and unbalanced XLR and 1/4* jack +21 dBu, balanced and unbalanced 100-120 V AC; 250 mA (slow-blow) 200-240 V AC: 125 mA (slow-blow) 5 Watts
Weight:  \$500 Raled Output Power, per channel	395 W (220 Vac) 5.2" (h) x 19" (w) x 9.2" (d) 132mm (h) x 482mm (w) x 234mm (d) 32.4 lb • 14.7 kg  250 W into 4 Ω per channel 150W into 8 Ω per channel 500 W into 8 Ω bridged	Damping Factor Dimensions:  Weight:  F1200 Rated Output Power (1 kHz):	More than 100 5.25" (h) x 19" (w) x 11.5" (d) 133 mm (h) x 482 mm (w) x 292 mm (d) 30.5 lb • 13.8 kg  840 W into 4 Ω per channel 430 W into 8 Ω per channel 1244 W into 8 Ω bridged	Frequency Response  Dynamic range	<10Hz to 20kHz +0 / 0.1dB effect out, -0.4dB @ 100kHz, <10Hz to 20kHz +0 / -0.1dB effect in, -3dB @ >100kHz 116dB, un-weighted, 22Hz to 22kHz 0.008 % typ. @ +4dBu, 1kHz effect out,	Impedance Max. Input Level Output Max. Output Level Fuse Power Consumption Power inlet Dimensions	20k Ohm balanced, 10k Ohm unbalanced +21 dBu, balanced and unbalanced XIR and 1/4* jack +21 dBu, balanced and unbalanced 100-120 V AC: 250 mA (slow-blow) 200-240 V AC: 125 mA (slow-blow) 5 Watts Standard IEC receptacle/with fuse 1 3/4* (h) x 19* (w) x 7 3/4* 44.5 mm (h) x 482.6 mm (d) x 196.9 mm (d)
Weight:  \$500 Rated Output Power, per channel  Channel Separation (4 ohm, 125 W, 1 kHz)	395 W (220 Vac) 5.2" (h) x 19" (w) x 9.2" (d) 132mm (h) x 482mm (w) x 234mm (d) 32.4 lb • 14.7 kg  250 W into 4 Ω per channel 150W into 8 Ω per channel 500 W into 8 Ω bridged 80 dB	Damping Factor Dimensions:  Weight:  F1200 Rated Output Power (1 kHz):  Frequency Response (+OdB, -1dB):	More than 100 5.25" (h) x 19" (w) x 11.5" (d) 133 mm (h) x 482 mm (w) x 292 mm (d) 30.5 lb • 13.8 kg  840 W into 4 Ω per channel 430 W into 8 Ω per channel 1244 W into 8 Ω bridged 10 Hz to 60 kHz	Frequency Response  Dynamic range  THD	<10Hz to 20kHz +0 / 0.1dB effect out, -0.4dB @ 100kHz, <10Hz to 20kHz +0 / -0.1dB effect in, -3dB @ >100kHz 116dB, un-weighted, 22Hz to 22kHz 0.008 % typ. @ +4dBu, 1kHz effect out, 0.016% effect in	Impedance Max. Input Level Output Max. Output Level Fuse Power Consumption Power inlet Dimensions Net Weight	20k Ohm balanced, 10k Ohm unbalanced +21 dBu, balanced and unbalanced XIR and 1/4* jack +21 dBu, balanced and unbalanced 100-120 V AC: 250 mA (slow-blow) 200-240 V AC: 125 mA (slow-blow) 5 Walts Standard IEC receptacle/willh fuse 1 3/4* (h) x 19* (w) x 7 3/4* 44.5 mm (h) x 482.6 mm (d) x 196.9 mm (d) 5.25 lbs. • 2.4 kgs
Weight:  \$500 Rated Output Power, per channel  Channel Separation (4 ohm, 125 W, 1 kHz) Frequency Response (0 dB, +0, -5 dB)	$395~W~(220~Vac)$ $5.2''~(h)~x~19'''~(w)~x~9.2''~(d)$ $132mm~(h)~x~482mm~(w)~x~234mm~(d)$ $32.4~lb~\cdot~14.7~kg$ $250~W~into~4~\Omega~per~channel$ $150W~into~8~\Omega~per~channel$ $500~W~into~8~\Omega~bridged$ $80~dB$ $10~Hz~-20~kHz$	Damping Factor Dimensions:  Weight:  F1200 Rated Output Power (1 kHz):  Frequency Response (+0dB, -1dB): Channel Separation:	More than 100 5.25" (h) x 19" (w) x 11.5" (d) 133 mm (h) x 482 mm (w) x 292 mm (d) 30.5 lb • 13.8 kg 840 W into 4 $\Omega$ per channel 430 W into 8 $\Omega$ per channel 1244 W into 8 $\Omega$ bridged 10 Hz to 60 kHz 80 dB, (4 ohm, 125 W, 1 kHz)	Frequency Response  Dynamic range  THD  Crosstalk	<10Hz to 20kHz +0 / 0.1dB effect out, -0.4dB @ 100kHz, <10Hz to 20kHz +0 / -0.1dB effect in, -3dB @ >100kHz 116dB, un-weighted, 22Hz to 22kHz 0.008 % typ. @ +4dBu, 1kHz effect out, -0.016% effect in >100dB, 22Hz to 22kHz	Impedance Max. Input Level Output Max. Output Level Fuse Power Consumption Power inlet Dimensions	20k Ohm balanced, 10k Ohm unbalanced +21 dBu, balanced and unbalanced XIR and 1/4* jack +21 dBu, balanced and unbalanced 100-120 V AC: 250 mA (slow-blow) 200-240 V AC: 125 mA (slow-blow) 5 Watts Standard IEC receptacle/with fuse 1 3/4* (h) x 19* (w) x 7 3/4* 44.5 mm (h) x 482.6 mm (d) x 196.9 mm (d)
Weight:  \$500 Rated Output Power, per channel  Channel Separation (4 ohm, 125 W, 1 kHz) Frequency Response (0 dB, +0, -5 dB) Distortion THD	395 W (220 Vac) 5.2" (h) x 19" (w) x 9.2" (d) 132mm (h) x 482mm (w) x 234mm (d) 32.4 lb • 14.7 kg  250 W into 4 Ω per channel 150W into 8 Ω per channel 500 W into 8 Ω ber channel 4 80 dB 10 Hz - 20 kHz 0.04%	Damping Factor Dimensions:  Weight:  F1200 Rated Output Power (1 kHz):  Frequency Response (+OdB, -1dB): Channel Separation: Distortion THD:	More than 100 5.25" (h) x 19" (w) x 11.5" (d) 133 mm (h) x 482 mm (w) x 292 mm (d) 30.5 lb • 13.8 kg 840 W into 4 $\Omega$ per channel 430 W into 8 $\Omega$ per channel 1244 W into 8 $\Omega$ bridged 10 Hz to 60 kHz 80 dB, (4 ohm, 125 W, 1 kHz) < .04%	Frequency Response  Dynamic range  THD  Crosstalk  Operating Level	<10Hz to 20kHz +0 / 0.1dB effect out, -0.4dB @ 100kHz, <10Hz to 20kHz +0 / -0.1dB effect in, -3dB @ >100kHz 116dB, un-weighted, 22Hz to 22kHz 0.008 % typ. @ +4dBu, 1kHz effect out, -0.016% effect in >100dB, 22Hz to 22kHz Selectable +4dBu / -10dBV	Impedance Max. Input Level Output Max. Output Level Fuse  Power Consumption Power inlet Dimensions  Net Welght Shipping Weight	20k Ohm balanced, 10k Ohm unbalanced +21 dBu, balanced and unbalanced XIR and 1/4* jack +21 dBu, balanced and unbalanced 100-120 V AC; 250 mA (slow-blow) 200-240 V AC; 125 mA (slow-blow) 5 Watts Standard IEC receptacle/with fuse 1 3/4* (h) x 19* (w) x 7 3/4* 44.5 mm (h) x 482.6 mm (d) x 196.9 mm (d) 5.25 lbs. • 2.4 kgs 7.5 lbs. • 3.4 kgs
Weight:  S500 Rated Output Power, per channel  Channel Separation (4 ohm, 125 W, 1 kHz) Frequency Response (0 dB, +0,5 dB) Distortion THD Dynamic Range	395 W (220 Vac) 5.2" (h) x 19" (w) x 9.2" (d) 132mm (h) x 482mm (w) x 234mm (d) 32.4 lb • 14.7 kg  250 W into 4 Ω per channel 150W into 8 Ω per channel 500 W into 8 Ω bridged 80 dB 10 Hz · 20 kHz 0.04% 105 dB	Damping Factor Dimensions:  Weight:  F1200 Rated Output Power (1 kHz):  Frequency Response (+OdB, -1dB): Channel Separation: Distortion THD: Dynamic Range:	More than 100 5.25" (h) x 19" (w) x 11.5" (d) 133 mm (h) x 482 mm (w) x 292 mm (d) 30.5 lb • 13.8 kg  840 W into 4 Ω per channel 430 W into 8 Ω per channel 1244 W into 8 Ω bridged 10 Hz to 60 kHz 80 dB, (4 ohm, 125 W, 1 kHz) < .04% 103 dB	Frequency Response  Dynamic range THD  Crosstalk Operating Level Max. Input Level CMRR	<10Hz to 20kHz +0 / 0.1dB effect out, -0.4dB @ 100kHz, <10Hz to 20kHz +0 / -0.1dB effect in, -3dB @ >100kHz 116dB, un-weighted, 22Hz to 22kHz 0.008 % typ. @ +4dBu, 1kHz effect out, -0.016% effect in >100dB, 22Hz to 22kHz Selectable +4dBu / -10dBV +21dBu, balanced	Impedance Max. Input Level Output Max. Output Level Fuse Power Consumption Power inlet Dimensions  Net Weight Shipping Weight	20k Ohm balanced, 10k Ohm unbalanced +21 dBu, balanced and unbalanced XIR and 1/4* jack +21 dBu, balanced and unbalanced 100-120 V AC: 250 mA (slow-blow) 200-240 V AC: 125 mA (slow-blow) 5 Walts Standard IEC receptacle/willh fuse 1 3/4* (h) x 19* (w) x 7 3/4* 44.5 mm (h) x 482.6 mm (d) x 196.9 mm (d) 5.25 lbs. • 2.4 kgs
Weight:  S500 Rated Output Power, per channel  Channel Separation (4 ohm, 125 W, 1 kHz) Frequency Response (0 dB, +0,5 dB) Distortion THD Dynamic Range Voltage Gain (4 ohm, 1 kHz)	395 W (220 Vac) 5.2" (h) x 19" (w) x 9.2" (d) 132mm (h) x 482mm (w) x 234mm (d) 32.4 lb • 14.7 kg  250 W Into 4 Ω per channel 150W Into 8 Ω per channel 500 W Into 8 Ω bridged 80 dB 10 Hz - 20 kHz 0.04% 105 dB 33.5 dB	Damping Factor Dimensions:  Weight:  F1200 Rated Output Power (1 kHz):  Frequency Response (+OdB, -1dB): Channel Separation: Distortion THD:	More than 100 5.25" (h) x 19" (w) x 11.5" (d) 133 mm (h) x 482 mm (w) x 292 mm (d) 30.5 lb • 13.8 kg 840 W into 4 $\Omega$ per channel 430 W into 8 $\Omega$ per channel 1244 W into 8 $\Omega$ bridged 10 Hz to 60 kHz 80 dB, (4 ohm, 125 W, 1 kHz) < .04%	Frequency Response  Dynamic range THD  Crosstalk  Operating Level Max. Input Level CMRR Max. Output Level	<10Hz to 20kHz +0 / 0.1dB effect out, -0.4dB @ 100kHz, <10Hz to 20kHz +0 / 0.1dB effect in, -3dB @ >100kHz 116dB, un-weighted, 22Hz to 22kHz 0.008 % typ. @ +4dBu, 1kHz effect out, -0.016% effect in >100dB, 22Hz to 22kHz Selectable +4dBu / -10dBV +21dBu, balanced Min. 40dB, >50dB @ 1kHz +21dBu, balanced	Impedance Max. Input Level Output Max. Output Level Fuse  Power Consumption Power inlet Dimensions  Net Welght Shipping Weight	20k Ohm balanced, 10k Ohm unbalanced +21 dBu, balanced and unbalanced XIR and 1/4* jack +21 dBu, balanced and unbalanced 100-120 V AC; 250 mA (slow-blow) 200-240 V AC; 125 mA (slow-blow) 5 Watts Standard IEC receptacle/with fuse 1 3/4* (h) x 19* (w) x 7 3/4* 44.5 mm (h) x 482.6 mm (d) x 196.9 mm (d) 5.25 lbs. • 2.4 kgs 7.5 lbs. • 3.4 kgs
Weight:  S500 Rated Output Power, per channel  Channel Separation (4 ohm, 125 W, 1 kHz) Frequency Response (0 dB, +0, -5 dB) Distortion THD Dynamic Range Voltage Gain (4 ohm, 1 kHz) DC Offset Voltage	395 W (220 Vac) 5.2" (h) x 19" (w) x 9.2" (d) 132mm (h) x 482mm (w) x 234mm (d) 32.4 lb • 14.7 kg  250 W into 4 Ω per channel 150W into 8 Ω per channel 500 W into 8 Ω bridged 80 dB 10 Hz · 20 kHz 0.04% 105 dB	Damping Factor Dimensions:  Weight:  F1200 Rated Output Power (1 kHz):  Frequency Response (+OdB, -1dB): Channel Separation: Distortion THD: Dynamic Range: Voltage Gain (4 ohm, 1 kHz):	More than 100 5.25" (h) x 19" (w) x 11.5" (d) 133 mm (h) x 482 mm (w) x 292 mm (d) 30.5 lb • 13.8 kg 840 W into 4 $\Omega$ per channel 430 W into 8 $\Omega$ per channel 1244 W into 8 $\Omega$ bridged 10 Hz to 60 kHz 80 dB, (4 ohm, 125 W, 1 kHz) < .04% 103 dB 35.2 dB	Frequency Response  Dynamic range THD  Crosstalk Operating Level Max. Input Level CMRR	<10Hz to 20kHz +0 / 0.1dB effect out, -0.4dB @ 100kHz, <10Hz to 20kHz +0 / -0.1dB effect in, -3dB @ >100kHz 116dB, un-weighted, 22Hz to 22kHz 0.008 % typ. @ +4dBu, 1kHz effect out, -0.016% effect in >100dB, 22Hz to 22kHz Selectable +4dBu / ·10dBV +21dBu, balanced Min. 40dB, >50dB @ 1kHz	Impedance Max. Input Level Output Max. Output Level Fuse  Power Consumption Power inlet Dimensions  Net Weight Shipping Weight  S•vox Specifications TBD	20k Ohm balanced, 10k Ohm unbalanced +21 dBu, balanced and unbalanced XIR and 1/4* jack +21 dBu, balanced and unbalanced 100-120 V AC; 250 mA (slow-blow) 200-240 V AC: 125 mA (slow-blow) 5 Walts Standard IEC receptacle/with fuse 1 3/4* (h) x 19* (w) x 7 3/4* 44.5 mm (h) x 482.6 mm (d) x 196.9 mm (d) 5.25 lbs. • 2.4 kgs 7.5 lbs. • 3.4 kgs
Weight:  S500 Rated Output Power, per channel  Channel Separation (4 ohm, 125 W, 1 kHz) Frequency Response (0 dB, +0,5 dB) Distortion THD Dynamic Range Voltage Gain (4 ohm, 1 kHz)	395 W (220 Vac) 5.2" (h) x 19" (w) x 9.2" (d) 132mm (h) x 482mm (w) x 234mm (d) 32.4 lb • 14.7 kg  250 W into 4 Ω per channel 150W into 8 Ω per channel 500 W into 8 Ω bridged 80 dB 10 Hz - 20 kHz 0.04% 105 dB 33.5 dB 0 ± 100 mV	Damping Factor Dimensions:  Weight:  F1200 Rated Output Power (1 kHz):  Frequency Response (+OdB, -1dB): Channel Separation: Distortion THD: Dynamic Range: Voltage Gain (4 ohm, 1 kHz): DC Offset Voltage	More than 100 5.25" (h) x 19" (w) x 11.5" (d) 133 mm (h) x 482 mm (w) x 292 mm (d) 30.5 lb • 13.8 kg 840 W into 4 $\Omega$ per channel 430 W into 8 $\Omega$ per channel 1244 W into 8 $\Omega$ bridged 10 Hz to 60 kHz 80 dB, (4 ohm, 125 W, 1 kHz) < .04% 103 dB 35.2 dB 0 ± 100 mV More than 100 5.25" (h) x 19" (w) x 11.5" (d)	Dynamic range THD  Crosstalk Operating Level Max. Input Level CMRR Max. Output Level Dimensions	<10Hz to 20kHz +0 / 0.1dB effect out, -0.4dB @ 100kHz, <10Hz to 20kHz +0 / 0.1dB effect in, -3dB @ >100kHz 116dB, un-weighted, 22Hz to 22kHz 0.008 % typ. @ +4dBu, 1kHz effect out, 0.016% effect in >100dB, 22Hz to 22kHz Selectable +4dBu / ·10dBV +21dBu, balanced Min. 40dB, >50dB @ 1kHz +21dBu, balanced 1 3/4" (44.5mm) x 19" (482.6mm) x 7 3/4" (197mm)	Impedance Max. Input Level Output Max. Output Level Fuse  Power Consumption Power inlet Dimensions  Net Weight Shipping Weight  S•vox Specifications TBD  C•Valve	20k Ohm balanced, 10k Ohm unbalanced +21 dBu, balanced and unbalanced XIR and 1/4* jack +21 dBu, balanced and unbalanced 100-120 V AC; 250 mA (slow-blow) 200-240 V AC; 125 mA (slow-blow) 5 Watts Standard IEC receptacle/with fuse 1 3/4* (h) x 19* (w) x 7 3/4* 44.5 mm (h) x 482.6 mm (d) x 196.9 mm (d) 5.25 lbs. • 2.4 kgs 7.5 lbs. • 3.4 kgs
Weight:  S500 Rated Output Power, per channel  Channel Separation (4 ohm, 125 W, 1 kHz) Frequency Response (0 dB, +0, .5 dB) Distortion THD Dynamic Range Voltage Gain (4 ohm, 1 kHz) DC Offset Voltage Damping Factor	$395 \text{ W } (220 \text{ Vac})$ $5.2'' \text{ (h)} \times 19''' \text{ (w)} \times 9.2'' \text{ (d)}$ $132 \text{mm } \text{ (h)} \times 482 \text{mm } \text{ (w)} \times 234 \text{mm } \text{ (d)}$ $32.4 \text{ lb} \cdot 14.7 \text{ kg}$ $250 \text{ W } \text{ into } 4 \Omega \text{ per channel}$ $150 \text{W } \text{ into } 8 \Omega \text{ per channel}$ $500 \text{ W } \text{ into } 8 \Omega \text{ bridged}$ $80 \text{ dB}$ $10 \text{ Hz} \cdot 20 \text{ kHz}$ $0.04\%$ $105 \text{ dB}$ $33.5 \text{ dB}$ $0 \pm 100 \text{ mV}$ $\text{More than } 200$	Damping Factor Dimensions:  Weight:  F1200 Rated Output Power (1 kHz):  Frequency Response (+OdB, -1dB): Channel Separation: Distortion THD: Dynamic Range: Voltage Gain (4 ohm, 1 kHz): DC Offset Voltage Damping Factor Dimensions:	More than 100 5.25" (h) x 19" (w) x 11.5" (d) 133 mm (h) x 482 mm (w) x 292 mm (d) 30.5 lb • 13.8 kg  840 W into 4 Ω per channel 430 W into 8 Ω per channel 1244 W into 8 Ω bridged 10 Hz to 60 kHz 80 dB, (4 ohm, 125 W, 1 kHz) < .04% 103 dB 35.2 dB 0 ± 100 mV More than 100 5.25" (h) x 19" (w) x 11.5" (d) 133 mm (h) x 482 mm (w) x 292 mm (d)	Prequency Response  Dynamic range THD  Crosstalk Operating Level Max. Input Level CMRR Max. Output Level Dimensions  Net Weight	<10Hz to 20kHz +0 / 0.1dB effect out, -0.4dB @ 100kHz, <10Hz to 20kHz +0 / 0.1dB effect in, -3dB @ >100kHz 116dB, un-weighted, 22Hz to 22kHz 0.008 % typ. @ +4dBu, 1kHz effect out, 0.016% effect in >100dB, 22Hz to 22kHz Selectable +4dBu / 10dBV +21dBu, balanced Min. 40dB, >50dB @ 1kHz +21dBu, balanced 1 3/4" (44.5mm) x 19" (482.6mm) x 7 3/4" (197mm) 5 lb (2.3kg)	Impedance Max. Input Level Output Max. Output Level Fuse  Power Consumption Power inlet Dimensions  Net Weight Shipping Weight  S•vox Specifications TBD	20k Ohm balanced, 10k Ohm unbalanced +21 dBu, balanced and unbalanced XIR and 1/4* jack +21 dBu, balanced and unbalanced 100-120 V AC; 250 mA (slow-blow) 200-240 V AC: 125 mA (slow-blow) 5 Walts Standard IEC receptacle/with fuse 1 3/4* (h) x 19* (w) x 7 3/4* 44.5 mm (h) x 482.6 mm (d) x 196.9 mm (d) 5.25 lbs. • 2.4 kgs 7.5 lbs. • 3.4 kgs
Weight:  S500 Rated Output Power, per channel  Channel Separation (4 ohm, 125 W, 1 kHz) Frequency Response (0 dB, +0, .5 dB) Distortion THD Dynamic Range Voltage Gain (4 ohm, 1 kHz) DC Offset Voltage Damping Factor	395 W (220 Vac) 5.2" (h) x 19" (w) x 9.2" (d) 132mm (h) x 482mm (w) x 234mm (d) 32.4 lb • 14.7 kg  250 W into 4 Ω per channel 150W into 8 Ω per channel 500 W into 8 Ω bridged 80 dB 10 Hz · 20 kHz 0.04% 105 dB 33.5 dB 0 ± 100 mV More than 200 5.25 (h) x 19 in (w) x 9.75 (d)	Damping Factor Dimensions:  Weight:  F1200 Rated Output Power (1 kHz):  Frequency Response (+OdB, -1dB): Channel Separation: Distortion THD: Dynamic Range: Voltage Gain (4 ohm, 1 kHz): DC Offset Voltage Damping Factor	More than 100 5.25" (h) x 19" (w) x 11.5" (d) 133 mm (h) x 482 mm (w) x 292 mm (d) 30.5 lb • 13.8 kg 840 W into 4 $\Omega$ per channel 430 W into 8 $\Omega$ per channel 1244 W into 8 $\Omega$ bridged 10 Hz to 60 kHz 80 dB, (4 ohm, 125 W, 1 kHz) < .04% 103 dB 35.2 dB 0 ± 100 mV More than 100 5.25" (h) x 19" (w) x 11.5" (d)	Dynamic range THD  Crosstalk Operating Level Max. Input Level CMRR Max. Output Level Dimensions	<10Hz to 20kHz +0 / 0.1dB effect out, -0.4dB @ 100kHz, <10Hz to 20kHz +0 / 0.1dB effect in, -3dB @ >100kHz 116dB, un-weighted, 22Hz to 22kHz 0.008 % typ. @ +4dBu, 1kHz effect out, 0.016% effect in >100dB, 22Hz to 22kHz Selectable +4dBu / ·10dBV +21dBu, balanced Min. 40dB, >50dB @ 1kHz +21dBu, balanced 1 3/4" (44.5mm) x 19" (482.6mm) x 7 3/4" (197mm)	Impedance Max. Input Level Output Max. Output Level Fuse  Power Consumption Power inlet Dimensions  Net Weight Shipping Weight  S+vox Specifications TBD  C+Valve Specifications TBD	20k Ohm balanced, 10k Ohm unbalanced +21 dBu, balanced and unbalanced XIR and 1/4* jack +21 dBu, balanced and unbalanced 100-120 V AC: 250 mA (slow-blow) 200-240 V AC: 125 mA (slow-blow) 5 Watts Standard IEC receptacle/with fuse 1 3/4* (h) x 19* (w) x 7 3/4* 44.5 mm (h) x 482.6 mm (d) x 196.9 mm (d) 5.25 lbs. • 2.4 kgs 7.5 lbs. • 3.4 kgs  Stereo Voice Channel/Input Mixer
Weight:  S500 Rated Output Power, per channel  Channel Separation (4 ohm, 125 W, 1 kHz) Frequency Response (0 dB, +0, .5 dB) Distortion THD Dynamic Range Voltage Gain (4 ohm, 1 kHz) DC Offset Voltage Damping Factor Dimensions  Weight:	395 W (220 Vac) 5.2" (h) x 19" (w) x 9.2" (d) 132mm (h) x 482mm (w) x 234mm (d) 32.4 lb • 14.7 kg  250 W into 4 Ω per channel 150W into 8 Ω per channel 500 W into 8 Ω bridged 80 dB 10 Hz - 20 kHz 0.04% 105 dB 33.5 dB 0 ± 100 mV More than 200 5.25 (h) x 19 in (w) x 9.75 (d) 133 (h) x 482 mm (w) x 247 (d)	Damping Factor Dimensions:  Weight:  F1200 Rated Output Power (1 kHz):  Frequency Response (+0dB, -1dB): Channel Separation: Distortion THD: Dynamic Range: Voltage Gain (4 ohm, 1 kHz): DC Offset Voltage Damping Factor Dimensions:  Weight:	More than 100 5.25" (h) x 19" (w) x 11.5" (d) 133 mm (h) x 482 mm (w) x 292 mm (d) 30.5 lb • 13.8 kg  840 W into 4 Ω per channel 430 W into 8 Ω per channel 1244 W into 8 Ω bridged 10 Hz to 60 kHz 80 dB, (4 ohm, 125 W, 1 kHz) < .04% 103 dB 35.2 dB 0 ± 100 mV More than 100 5.25" (h) x 19" (w) x 11.5" (d) 133 mm (h) x 482 mm (w) x 292 mm (d)	Prequency Response  Dynamic range THD  Crosstalk Operating Level Max. Input Level CMRR Max. Output Level Dimensions  Net Weight	<10Hz to 20kHz +0 / 0.1dB effect out, -0.4dB @ 100kHz, <10Hz to 20kHz +0 / 0.1dB effect in, -3dB @ >100kHz 116dB, un-weighted, 22Hz to 22kHz 0.008 % typ. @ +4dBu, 1kHz effect out, 0.016% effect in >100dB, 22Hz to 22kHz Selectable +4dBu / 10dBV +21dBu, balanced Min. 40dB, >50dB @ 1kHz +21dBu, balanced 1 3/4" (44.5mm) x 19" (482.6mm) x 7 3/4" (197mm) 5 lb (2.3kg)	Impedance Max. Input Level Output Max. Output Level Fuse  Power Consumption Power inlet Dimensions  Net Welght Shipping Weight  S•vox Specifications TBD  C•Valve Specifications TBD	20k Ohm balanced, 10k Ohm unbalanced +21 dBu, balanced and unbalanced XIR and 1/4* jack +21 dBu, balanced and unbalanced 100-120 V AC; 250 mA (slow-blow) 200-240 V AC: 125 mA (slow-blow) 5 Walts Standard IEC receptacle/with fuse 1 3/4* (h) x 19* (w) x 7 3/4* 44.5 mm (h) x 482.6 mm (d) x 196.9 mm (d) 5.25 lbs. • 2.4 kgs 7.5 lbs. • 3.4 kgs
Weight:  S500 Rated Output Power, per channel  Channel Separation (4 ohm, 125 W, 1 kHz) Frequency, Response (0 dB, +0,5 dB) Distortion THD Dynamic Range Voltage Gain (4 ohm, 1 kHz) DC Offset Voltage Damping Factor Dimensions  Weight:  S700	$395 \text{ W } (220 \text{ Vac})$ $5.2'' \text{ (h)} \times 19'' \text{ (w)} \times 9.2'' \text{ (d)}$ $132 \text{mm } \text{ (h)} \times 482 \text{mm } \text{ (w)} \times 234 \text{mm } \text{ (d)}$ $32.4 \text{ lb} \cdot 14.7 \text{ kg}$ $250 \text{ W } \text{ into } 4  \Omega \text{ per channel}$ $150 \text{W } \text{ into } 8  \Omega \text{ per channel}$ $500 \text{ W } \text{ into } 8  \Omega \text{ bridged}$ $80 \text{ dB}$ $10 \text{ Hz} \cdot 20 \text{ kHz}$ $0.04\%$ $105 \text{ dB}$ $33.5 \text{ dB}$ $0 \pm 100 \text{ mV}$ $\text{More than } 200$ $5.25 \text{ (h)} \times 19 \text{ in } \text{ (w)} \times 9.75 \text{ (d)}$ $133 \text{ (h)} \times 482 \text{ rm } \text{ (w)} \times 247 \text{ (d)}$ $25.7 \text{ lb} \cdot 11.66 \text{ kg}$	Damping Factor Dimensions:  Weight:  F1200 Rated Output Power (1 kHz):  Frequency Response (+OdB, -1dB): Channel Separation: Distortion THD: Dynamic Range: Voltage Gain (4 ohm, 1 kHz): DC Offset Voltage Damping Factor Dimensions:	More than 100 5.25" (h) x 19" (w) x 11.5" (d) 133 mm (h) x 482 mm (w) x 292 mm (d) 30.5 lb • 13.8 kg  840 W into 4 Ω per channel 430 W into 8 Ω per channel 1244 W into 8 Ω bridged 10 Hz to 60 kHz 80 dB, (4 ohm, 125 W, 1 kHz) < .04% 103 dB 35.2 dB 0 ± 100 mV More than 100 5.25" (h) x 19" (w) x 11.5" (d) 133 mm (h) x 482 mm (w) x 292 mm (d)	Dynamic range THD  Crosstalk Operating Level Max. Input Level CMRR Max. Output Level Dimensions  Net Weight Shipping Weight	<10Hz to 20kHz +0 / 0.1dB effect out, -0.4dB @ 100kHz, <10Hz to 20kHz +0 / 0.1dB effect in, -3dB @ >100kHz	Impedance Max. Input Level Output Max. Output Level Fuse  Power Consumption Power inlet Dimensions  Net Weight Shipping Weight  S+vox Specifications TBD  C+Valve Specifications TBD	20k Ohm balanced, 10k Ohm unbalanced +21 dBu, balanced and unbalanced XIR and 1/4* jack +21 dBu, balanced and unbalanced 100-120 V AC: 250 mA (slow-blow) 200-240 V AC: 125 mA (slow-blow) 5 Watts Standard IEC receptacle/with fuse 1 3/4* (h) x 19* (w) x 7 3/4* 44.5 mm (h) x 482.6 mm (d) x 196.9 mm (d) 5.25 lbs. • 2.4 kgs 7.5 lbs. • 3.4 kgs  Stereo Voice Channel/Input Mixer
Weight:  S500 Rated Output Power, per channel  Channel Separation (4 ohm, 125 W, 1 kHz) Frequency Response (0 dB, +0, .5 dB) Distortion THD Dynamic Range Voltage Gain (4 ohm, 1 kHz) DC Offset Voltage Damping Factor Dimensions  Weight:	$395 \text{ W } (220 \text{ Vac})$ $5.2'' \text{ (h) } \times 19'' \text{ (w) } \times 9.2'' \text{ (d)}$ $132 \text{mm } \text{ (h) } \times 482 \text{mm } \text{ (w) } \times 234 \text{mm } \text{ (d)}$ $32.4 \text{ lb} \bullet 14.7 \text{ kg}$ $250 \text{ W } \text{ into } 4 \Omega \text{ per channel}$ $1500 \text{ W } \text{ into } 8 \Omega \text{ per channel}$ $500 \text{ W } \text{ into } 8 \Omega \text{ bridged}$ $80 \text{ dB}$ $10 \text{ Hz} \cdot 20 \text{ kHz}$ $0.04\%$ $105 \text{ dB}$ $33.5 \text{ dB}$ $0 \pm 100 \text{ mV}$ $\text{More than } 200$ $5.25 \text{ (h) } \times 19 \text{ in (w) } \times 9.75 \text{ (d)}$ $133 \text{ (h) } \times 482 \text{ mm } \text{ (w) } \times 247 \text{ (d)}$ $25.7 \text{ lb} \bullet 11.66 \text{ kg}$ $360 \text{ W } \text{ into } 4 \Omega \text{ per channel}$	Damping Factor Dimensions:  Weight:  F1200 Rated Output Power (1 kHz):  Frequency Response (+OdB, -1dB): Channel Separation: Distortion THD: Dynamic Range: Voltage Gain (4 ohm, 1 kHz): DC Offset Voltage Damping Factor Dimensions:  Weight:  Equalizers	More than 100 5.25" (h) x 19" (w) x 11.5" (d) 133 mm (h) x 482 mm (w) x 292 mm (d) 30.5 lb • 13.8 kg  840 W into 4 Ω per channel 430 W into 8 Ω per channel 1244 W into 8 Ω bridged 10 Hz to 60 kHz 80 dB, (4 ohm, 125 W, 1 kHz) < .04% 103 dB 35.2 dB 0 ± 100 mV More than 100 5.25" (h) x 19" (w) x 11.5" (d) 133 mm (h) x 482 mm (w) x 292 mm (d) 40.5 lb • 18.4 kg	Dynamic range THD  Crosstalk Operating Level Max. Input Level CMRR Max. Output Level Dimensions  Net Weight Shipping Weight	<10Hz to 20kHz +0 / 0.1dB effect out, -0.4dB @ 100kHz, <10Hz to 20kHz +0 / 0.1dB effect in, -3dB @ >100kHz	Impedance Max. Input Level Output Max. Output Level Fuse  Power Consumption Power inlet Dimensions  Net Welght Shipping Weight  S•vox Specifications TBD  C•Valve Specifications TBD	20k Ohm balanced, 10k Ohm unbalanced +21 dBu, balanced and unbalanced XIR and 1/4* jack +21 dBu, balanced and unbalanced 100-120 V AC: 250 mA (slow-blow) 200-240 V AC: 125 mA (slow-blow) 5 Watts Standard IEC receptacle/with fuse 1 3/4* (h) x 19* (w) x 7 3/4* 44.5 mm (h) x 482.6 mm (d) x 196.9 mm (d) 5.25 lbs. • 2.4 kgs 7.5 lbs. • 3.4 kgs  Stereo Voice Channel/Input Mixer
Weight:  S500 Rated Output Power, per channel  Channel Separation (4 ohm, 125 W, 1 kHz) Frequency, Response (0 dB, +0,5 dB) Distortion THD Dynamic Range Voltage Gain (4 ohm, 1 kHz) DC Offset Voltage Damping Factor Dimensions  Weight:  S700	$395 \text{ W } (220 \text{ Vac})$ $5.2'' \text{ (h) } \times 19'' \text{ (w) } \times 9.2'' \text{ (d)}$ $132 \text{mm } \text{ (h) } \times 482 \text{mm } \text{ (w) } \times 234 \text{mm } \text{ (d)}$ $32.4 \text{ lb} \bullet 14.7 \text{ kg}$ $250 \text{ W } \text{ into } 4 \Omega \text{ per channel}$ $1500 \text{ W } \text{ into } 8 \Omega \text{ bridged}$ $80 \text{ dB}$ $10 \text{ Hz} \cdot 20 \text{ kHz}$ $0.04\%$ $105 \text{ dB}$ $33.5 \text{ dB}$ $0 \pm 100 \text{ mV}$ $\text{More than } 200$ $5.25 \text{ (h) } \times 19 \text{ in (w) } \times 9.75 \text{ (d)}$ $133 \text{ (h) } \times 482 \text{ mm } \text{ (w) } \times 247 \text{ (d)}$ $25.7 \text{ lb} \bullet 11.66 \text{ kg}$ $360 \text{ W } \text{ into } 4 \Omega \text{ per channel}$ $230 \text{ W } \text{ into } 8 \Omega \text{ per channel}$	Damping Factor Dimensions:  Weight:  F1200 Rated Output Power (1 kHz):  Frequency Response (+0dB, -1dB): Channel Separation: Distortion THD: Dynamic Range: Voltage Gain (4 ohm, 1 kHz): DC Offset Voltage Damping Factor Dimensions:  Weight:	More than 100 5.25" (h) x 19" (w) x 11.5" (d) 133 mm (h) x 482 mm (w) x 292 mm (d) 30.5 lb • 13.8 kg  840 W into 4 Ω per channel 430 W into 8 Ω per channel 1244 W into 8 Ω bridged 10 Hz to 60 kHz 80 dB, (4 ohm, 125 W, 1 kHz) < .04% 103 dB 35.2 dB 0 ± 100 mV More than 100 5.25" (h) x 19" (w) x 11.5" (d) 133 mm (h) x 482 mm (w) x 292 mm (d)	Dynamic range THD  Crosstalk Operating Level Max. Input Level CMRR Max. Output Level Dimensions  Net Weight Shipping Weight	<10Hz lo 20kHz +0 / 0.1dB effect out, -0.4dB @ 100kHz, <10Hz lo 20kHz +0 / 0.1dB effect in, -3dB @ >100kHz	Impedance Max. Input Level Output Max. Output Level Fuse  Power Consumption Power inlet Dimensions  Net Weight Shipping Weight  S • vox Specifications TBD  C • Valve Specifications TBD  C • Com 16 Specifications TBD	20k Ohm balanced, 10k Ohm unbalanced +21 dBu, balanced and unbalanced XIR and 1/4* jack +21 dBu, balanced and unbalanced 100-120 V AC; 250 mA (slow-blow) 200-240 V AC: 125 mA (slow-blow) 5 Walts  Standard IEC receptacle/with fuse 1 3/4* (h) x 19* (w) x 7 3/4* 44.5 mm (h) x 482.6 mm (d) x 196.9 mm (d) 5.25 lbs.• 2.4 kgs 7.5 lbs.• 3.4 kgs  Stereo Voice Channel/Input Mixer  Tube Preamp  Compressor
Weight:  S500 Rated Output Power, per channel  Channel Separation (4 ohm, 125 W, 1 kHz) Frequency Response (0 dB, +0, .5 dB) Distortion ThD Dynamic Range Voltage Gain (4 ohm, 1 kHz) DC Offset Voltage Damping Factor Dimensions  Weight:  S700	$395 \text{ W } (220 \text{ Vac})$ $5.2'' \text{ (h) } \times 19'' \text{ (w) } \times 9.2'' \text{ (d)}$ $132 \text{mm } \text{ (h) } \times 482 \text{mm } \text{ (w) } \times 234 \text{mm } \text{ (d)}$ $32.4 \text{ lb} \bullet 14.7 \text{ kg}$ $250 \text{ W } \text{ into } 4 \Omega \text{ per channel}$ $1500 \text{ W } \text{ into } 8 \Omega \text{ per channel}$ $500 \text{ W } \text{ into } 8 \Omega \text{ bridged}$ $80 \text{ dB}$ $10 \text{ Hz} \cdot 20 \text{ kHz}$ $0.04\%$ $105 \text{ dB}$ $33.5 \text{ dB}$ $0 \pm 100 \text{ mV}$ $\text{More than } 200$ $5.25 \text{ (h) } \times 19 \text{ in (w) } \times 9.75 \text{ (d)}$ $133 \text{ (h) } \times 482 \text{ mm } \text{ (w) } \times 247 \text{ (d)}$ $25.7 \text{ lb} \bullet 11.66 \text{ kg}$ $360 \text{ W } \text{ into } 4 \Omega \text{ per channel}$	Damping Factor Dimensions:  Weight:  F1200 Rated Output Power (1 kHz):  Frequency Response (+OdB, -1dB): Channel Separation: Distortion THD: Dynamic Range: Voltage Gain (4 ohm, 1 kHz): DC Offset Voltage Damping Factor Dimensions:  Weight:  Equalizers  S-Curve 215	More than 100 5.25" (h) x 19" (w) x 11.5" (d) 133 mm (h) x 482 mm (w) x 292 mm (d) 30.5 lb • 13.8 kg 840 W into 8 $\Omega$ per channel 430 W into 8 $\Omega$ per channel 1244 W into 8 $\Omega$ bridged 10 Hz to 60 kHz 80 dB, (4 ohm, 125 W, 1 kHz) < .04% 103 dB 35.2 dB 0 ± 100 mV More than 100 5.25" (h) x 19" (w) x 11.5" (d) 133 mm (h) x 482 mm (w) x 292 mm (d) 40.5 lb • 18.4 kg	Dynamic range THD  Crosstalk Operating Level Max. Input Level CMRR Max. Output Level Dimensions  Net Weight Shipping Weight	<10Hz lo 20kHz +0 / 0.1dB effect out, -0.4dB @ 100kHz, <10Hz lo 20kHz +0 / 0.1dB effect in, -3dB @ >100kHz	Impedance Max. Input Level Output Max. Output Level Fuse  Power Consumption Power inlet Dimensions  Net Weight Shipping Weight  S•vox Specifications TBD  C•Valve Specifications TBD  C•Com 16 Specifications TBD  C•Com Opti Specifications TBD	20k Ohm balanced, 10k Ohm unbalanced +21 dBu, balanced and unbalanced XIR and 1/4* jack +21 dBu, balanced and unbalanced 100-120 V AC; 250 mA (slow-blow) 200-240 V AC: 125 mA (slow-blow) 5 Watts Standard IEC receptacle/with fuse 1 3/4* (h) x 19* (w) x 7 3/4* 44.5 mm (h) x 482.6 mm (d) x 196.9 mm (d) 5.25 lbs. • 2.4 kgs 7.5 lbs. • 3.4 kgs  Stereo Voice Channel/Input Mixer  Tube Preamp  Compressor
Weight:  S500 Rated Output Power, per channel  Channel Separation (4 ohm, 125 W, 1 kHz) Frequency Response (0 dB, +0, .5 dB) Distortion THD Dynamic Range Voltage Gain (4 ohm, 1 kHz) DC Offset Voltage Damping Factor Dimensions  Weight:  S700 Rated Output Power (1 kHz):	395 W (220 Vac) 5.2" (h) x 19" (w) x 9.2" (d) 132mm (h) x 482mm (w) x 234mm (d) 32.4 lb • 14.7 kg  250 W into 4 Ω per channel 150W into 8 Ω per channel 500 W into 8 Ω bridged 80 dB 10 Hz · 20 kHz 0.04% 105 dB 33.5 dB 0 + 100 mV More than 200 5.25 (h) x 19 in (w) x 9.75 (d) 133 (h) x 482 mm (w) x 247 (d) 25.7 lb • 11.66 kg  360 W into 4 Ω per channel 230 W into 8 Ω per channel 230 W into 8 Ω per channel	Damping Factor Dimensions:  Weight:  F1200 Rated Output Power (1 kHz):  Frequency Response (+OdB, -1dB): Channel Separation: Distortion THD: Dynamic Range: Voltage Gain (4 ohm, 1 kHz): DC Offset Voltage Damping Factor Dimensions:  Weight:  Equalizers  S-Curve 215	More than 100 5.25" (h) x 19" (w) x 11.5" (d) 133 mm (h) x 482 mm (w) x 292 mm (d) 30.5 lb • 13.8 kg  840 W into 4 Ω per channel 430 W into 8 Ω per channel 1244 W into 8 Ω bridged 10 Hz to 60 kHz 80 dB, (4 ohm, 125 W, 1 kHz) < .04% 103 dB 35.2 dB 0 ± 100 mV More than 100 5.25" (h) x 19" (w) x 11.5" (d) 133 mm (h) x 482 mm (w) x 292 mm (d) 40.5 lb • 18.4 kg   Dual 15-band graphic EQ 25, 40, 63, 100, 160, 250, 400, 630,	Dynamic range THD  Crosstalk Operating Level Max. Input Level CMRR Max. Output Level Dimensions  Net Weight Shipping Weight	<10Hz lo 20kHz +0 / 0.1dB effect out, -0.4dB @ 100kHz, <10Hz lo 20kHz +0 / 0.1dB effect in, -3dB @ >100kHz	Impedance Max. Input Level Output Max. Output Level Fuse  Power Consumption Power inlet Dimensions  Net Weight Shipping Weight  S•vox Specifications TBD  C•Valve Specifications TBD  C•Com 16 Specifications TBD  C•Com Opti Specifications TBD	20k Ohm balanced, 10k Ohm unbalanced +21 dBu, balanced and unbalanced XIR and 1/4* jack +21 dBu, balanced and unbalanced 100-120 V AC; 250 mA (slow-blow) 200-240 V AC: 125 mA (slow-blow) 5 Walts  Standard IEC receptacle/with fuse 1 3/4* (h) x 19* (w) x 7 3/4* 44.5 mm (h) x 482.6 mm (d) x 196.9 mm (d) 5.25 lbs.• 2.4 kgs 7.5 lbs.• 3.4 kgs  Stereo Voice Channel/Input Mixer  Tube Preamp  Compressor
Weight:  S500 Rated Output Power, per channel  Channel Separation (4 ohm, 125 W, 1 kHz) Frequency Response (0 dB, +0, -5 dB) Distortion ThD Dynamic Range Voltage Gain (4 ohm, 1 kHz) DC Offset Voltage Damping Factor Dimensions  Weight:  S700 Rated Output Power (1 kHz):  Frequency Response (-3 dB): Channel Separation: Distortion ThD:	395 W (220 Vac) 5.2" (h) x 19" (w) x 9.2" (d) 132mm (h) x 482mm (w) x 234mm (d) 32.4 lb • 14.7 kg  250 W into 4 Ω per channel 150W into 8 Ω per channel 500 W into 8 Ω bridged 80 dB 10 Hz - 20 kHz 0.04% 105 dB 33.5 dB 0 ± 100 mV More than 200 5.25 (h) x 19 in (w) x 9.75 (d) 133 (h) x 482 mm (w) x 247 (d) 25.7 lb • 11.66 kg  360 W into 8 Ω per channel 230 W into 8 Ω per channel 720 W into 125 W, 1 kHz) 80 dB, (4 ohm, 125 W, 1 kHz) < .04%	Damping Factor Dimensions:  Weight:  F1200 Rated Oulput Power (1 kHz):  Frequency Response (+OdB, -1dB): Channel Separation: Distortion THD: Dynamic Range: Voltage Gain (4 ohm, 1 kHz): DC Offset Voltage Damping Factor Dimensions:  Weight:  Equalizers  S-Curve 215 Center frequencies (Hz)  Variable range Frequency response (unity)	More than 100 5.25" (h) x 19" (w) x 11.5" (d) 133 mm (h) x 482 mm (w) x 292 mm (d) 30.5 lb • 13.8 kg  840 W into 4 Ω per channel 430 W into 8 Ω per channel 1244 W into 8 Ω bridged 10 Hz to 60 kHz 80 dB, (4 ohm, 125 W, 1 kHz) < .04% 103 dB 35.2 dB 0 ± 100 mV More than 100 5.25" (h) x 19" (w) x 11.5" (d) 133 mm (h) x 482 mm (w) x 292 mm (d) 40.5 lb • 18.4 kg   Dual 15-band graphic EQ 25, 40, 63, 100, 160, 250, 400, 630, 1 k, 1.6 k, 2.5 k, 4 k, 6.3 k, 10 k, 16 k ±6 dB, ±12 dB, -12 dB, -24 dB < 10 Hz to 90 kHz	Dynamic range THD  Crosstalk Operating Level Max. Input Level CMRR Max. Output Level Dimensions  Net Weight Shipping Weight  S-com 4 Frequency Response	<10Hz to 20kHz +0 / 0.1dB effect out, -0.4dB @ 100kHz,  <10Hz to 20kHz +0 / 0.1dB effect in, -3dB @ >100kHz 116dB, un-weighted, 22Hz to 22kHz 0.008 % typ. @ +4dBu, 1kHz effect out, -0.016% effect in >100dB, 22Hz to 22kHz Selectable +4dBu / ·10dBV +21dBu, balanced Min. 40dB, >50dB @ 1kHz +21dBu, balanced 1 3/4" (44.5mm) x 19" (482.6mm) x 7 3/4" (197mm) 5 lb (2.3kg) 7.5 lb (3.4kg) 4 Channel Compressor/Gate <10Hz to 20kHz +0 / 0.1dB effect out, -0.4dB @ 100kHz, <100kHz +0 / 0.1dB effect in, -2dB @ >100kHz	Impedance Max. Input Level Output Max. Output Level Fuse  Power Consumption Power inlet Dimensions  Net Weight Shipping Weight  S•vox Specifications TBD  C•Valve Specifications TBD  C•Com 16 Specifications TBD  C•Com Opti Specifications TBD	20k Ohm balanced, 10k Ohm unbalanced +21 dBu, balanced and unbalanced XIR and 1/4* jack +21 dBu, balanced and unbalanced 100-120 V AC; 250 mA (slow-blow) 200-240 V AC: 125 mA (slow-blow) 5 Watts Standard IEC receptacle/with fuse 1 3/4* (h) x 19* (w) x 7 3/4* 44.5 mm (h) x 482.6 mm (d) x 196.9 mm (d) 5.25 lbs. • 2.4 kgs 7.5 lbs. • 3.4 kgs  Stereo Voice Channel/Input Mixer  Tube Preamp  Compressor
Weight:  S500 Rated Output Power, per channel  Channel Separation (4 ohm, 125 W, 1 kHz) Frequency Response (0 dB, +0,5 dB) Distortion THD Dynamic Range Voltage Gain (4 ohm, 1 kHz) DC Offset Voltage Damping Factor Dimensions  Weight:  S700 Rated Output Power (1 kHz):  Frequency Response (-3 dB): Channel Separation: Distortion THD: Dynamic Range:	395 W (220 Vac) 5.2" (h) x 19" (w) x 9.2" (d) 132mm (h) x 482mm (w) x 234mm (d) 32.4 lb • 14.7 kg  250 W into 4 Ω per channel 150W into 8 Ω per channel 500 W into 8 Ω ber channel 500 W into 8 Ω ber channel 40.04% 105 dB 33.5 dB 0 ± 100 mV More than 200 5.25 (h) x 19 in (w) x 9.75 (d) 133 (h) x 482 mm (w) x 247 (d) 25.7 lb • 11.66 kg  360 W into 8 Ω per channel 230 W into 8 Ω per channel 720 W into 8 Ω bridged 10 Hz to 20 kHz 80 dB, (4 ohm, 125 W, 1 kHz) < .04% 105 dB	Damping Factor Dimensions:  Weight:  F1200 Rated Output Power (1 kHz):  Frequency Response (+OdB, -1dB): Channel Separation: Distortion THD: Dynamic Range: Voltage Gain (4 ohm, 1 kHz): DC Offset Voltage Damping Factor Dimensions:  Weight:  Equalizers  S-Curve 215 Center frequencies (Hz)  Variable range Frequency response (unity) Distortopn THD	More than 100 5.25" (h) x 19" (w) x 11.5" (d) 133 mm (h) x 482 mm (w) x 292 mm (d) 30.5 lb • 13.8 kg  840 W into 4 Ω per channel 430 W into 8 Ω per channel 1244 W into 8 Ω per channel 1244 W into 8 Ω bridged 10 Hz to 60 kHz 80 dB, (4 ohm, 125 W, 1 kHz) < .04% 103 dB 35.2 dB 0 ± 100 mV More than 100 5.25" (h) x 19" (w) x 11.5" (d) 133 mm (h) x 482 mm (w) x 292 mm (d) 40.5 lb • 18.4 kg   Dual 15-band graphic EQ 25, 40, 63, 100, 160, 250, 400, 630, 1 k, 1.6 k, 2.5 k, 4 k, 6.3 k, 10 k, 16 k ±6 dB, ±12 dB, -12 dB, -24 dB < 10 Hz to 90 kHz Less than 0.01%	Dynamic range THD  Crosstalk Operating Level Max. Input Level CMRR Max. Output Level Dimensions  Net Weight Shipping Weight  S•com 4 Frequency Response	<10Hz to 20kHz +0 / 0.1dB effect out, -0.4dB @ 100kHz,  <10Hz to 20kHz +0 / 0.1dB effect in, -3dB @ >100kHz 116dB, un-weighted, 22Hz to 22kHz 0.008 % typ. @ +4dBu, 1kHz effect out, -0.016% effect in >100dB, 22Hz to 22kHz Selectable +4dBu / ·10dBV +21dBu, balanced Min. 40dB, >50dB @ 1kHz +21dBu, balanced 1 3/4" (44.5mm) x 19" (482.6mm) x 7 3/4" (197mm) 5 lb (2.3kg) 7.5 lb (3.4kg) 4 Channel Compressor/Gate <10Hz to 20kHz +0 / ·0.1dB effect out, -0.4dB @ 100kHz, <10Hz to 20kHz +0 / ·0.1dB effect in, -2dB @ >100kHz 100dBu, un-weighted, 22Hz to 22kHz	Impedance Max. Input Level Output Max. Output Level Fuse  Power Consumption Power inlet Dimensions  Net Weight Shipping Weight  S-vox Specifications TBD  C-Valve Specifications TBD  C-Com 16 Specifications TBD  C-Com Opti Specifications TBD  C-Control Specifications TBD	20k Ohm balanced, 10k Ohm unbalanced +21 dBu, balanced and unbalanced XIR and 1/4* jack +21 dBu, balanced and unbalanced 100-120 V AC; 250 mA (slow-blow) 200-240 V AC; 125 mA (slow-blow) 5 Watts Standard IEC receptacle/with fuse 1 3/4* (h) x 19* (w) x 7 3/4* 44.5 mm (h) x 482.6 mm (d) x 196.9 mm (d) 5.25 lbs.• 2.4 kgs 7.5 lbs.• 3.4 kgs  Stereo Voice Channel/Input Mixer  Tube Preamp  Compressor  Optical Compressor  Studio Matrix
Weight:  S500 Rated Output Power, per channel  Channel Separation (4 ohm, 125 W, 1 kHz) Frequency Response (0 dB, +0, -5 dB) Distortion THD Dynamic Range Voltage Gain (4 ohm, 1 kHz) DC Offset Voltage Damping Factor Dimensions  Weight:  S700 Rated Output Power (1 kHz):  Frequency Response (-3 dB): Channel Separation: Distortion THD: Dynamic Range: Voltage Gain (4 ohm, 1 kHz):	395 W (220 Vac) 5.2" (h) x 19" (w) x 9.2" (d) 132mm (h) x 482mm (w) x 234mm (d) 32.4 lb • 14.7 kg  250 W into 4 Ω per channel 150W into 8 Ω per channel 500 W into 8 Ω bridged 80 dB 10 Hz · 20 kHz 0.04% 105 dB 33.5 dB 0 ± 100 mV More than 200 5.25 (h) x 19 in (w) x 9.75 (d) 133 (h) x 482 mm (w) x 247 (d) 25.7 lb • 11.66 kg  360 W into 4 Ω per channel 230 W into 8 Ω bridged 10 Hz 10 20 kHz 80 dB, (4 ohm, 125 W, 1 kHz) < .04% 105 dB 33.5 dB	Damping Factor Dimensions:  Weight:  F1200 Rated Output Power (1 kHz):  Frequency Response (+OdB, -1dB): Channel Separation: Distortion THD: Dynamic Range: Voltage Gain (4 ohm, 1 kHz): DC Offset Voltage Damping Factor Dimensions:  Weight:  Fqualizers  S-Curve 215 Center frequencies (Hz)  Variable range Frequency response (unity) Distortopn THD High pass filter	More than 100 5.25" (h) x 19" (w) x 11.5" (d) 133 mm (h) x 482 mm (w) x 292 mm (d) 30.5 lb • 13.8 kg  840 W into 4 Ω per channel 430 W into 8 Ω per channel 1244 W into 8 Ω bridged 10 Hz to 60 kHz 80 dB, (4 ohm, 125 W, 1 kHz) < .04% 103 dB 35.2 dB 0 ± 100 mV More than 100 5.25" (h) x 19" (w) x 11.5" (d) 133 mm (h) x 482 mm (w) x 292 mm (d) 40.5 lb • 18.4 kg  Dual 15-band graphic EQ 25, 40, 63, 100, 160, 250, 400, 630, 1 k, 1.6 k, 2.5 k, 4 k, 6.3 k, 10 k, 16 k ±6 dB, ±12 dB, -12 dB, -24 dB < 10 Hz to 90 kHz Less than 0.01% 80 Hz (18 dB/ oct)	Dynamic range THD  Crosstalk Operating Level Max. Input Level CMRR Max. Output Level Dimensions  Net Weight Shipping Weight  S-com 4 Frequency Response	<10Hz to 20kHz +0 / 0.1dB effect out, -0.4dB @ 100kHz,  <10Hz to 20kHz +0 / 0.1dB effect in, -3dB @ >100kHz 116dB, un-weighted, 22Hz to 22kHz 0.008 % typ. @ +4dBu, 1kHz effect out, -0.016% effect in >100dB, 22Hz to 22kHz Selectable +4dBu / ·10dBV +21dBu, balanced Min. 40dB, >50dB @ 1kHz +21dBu, balanced 1 3/4" (44.5mm) x 19" (482.6mm) x 7 3/4" (197mm) 5 lb (2.3kg) 7.5 lb (3.4kg) 4 Channel Compressor/Gate <10Hz to 20kHz +0 / 0.1dB effect out, -0.4dB @ 100kHz, <100kHz +0 / 0.1dB effect in, -2dB @ >100kHz	Impedance Max. Input Level Output Max. Output Level Fuse  Power Consumption Power inlet Dimensions  Net Weight Shipping Weight  S-vox Specifications TBD  C-Valve Specifications TBD  C-Com 16 Specifications TBD  C-Com Opti Specifications TBD  C-Control Specifications TBD	20k Ohm balanced, 10k Ohm unbalanced +21 dBu, balanced and unbalanced XIR and 1/4* jack +21 dBu, balanced and unbalanced 100-120 V AC; 250 mA (slow-blow) 200-240 V AC: 125 mA (slow-blow) 5 Watts Standard IEC receptacle/with fuse 1 3/4* (h) x 19* (w) x 7 3/4* 44.5 mm (h) x 482.6 mm (d) x 196.9 mm (d) 5.25 lbs. • 2.4 kgs 7.5 lbs. • 3.4 kgs  Stereo Voice Channel/Input Mixer  Tube Preamp  Compressor
Weight:  S500 Rated Output Power, per channel  Channel Separation (4 ohm, 125 W, 1 kHz) Frequency Response (0 dB, +0, .5 dB) Distortion THD Dynamic Range Voltage Gain (4 ohm, 1 kHz) DC Offset Voltage Damping Factor Dimensions  Weight:  S700 Rated Output Power (1 kHz):  Frequency Response (3 dB): Channel Separation: Distortion THD: Dynamic Range: Voltage Gain (4 ohm, 1 kHz): DC Offset Voltage	395 W (220 Vac) 5.2" (h) x 19" (w) x 9.2" (d) 132mm (h) x 482mm (w) x 234mm (d) 32.4 lb • 14.7 kg  250 W into 4 Ω per channel 150W into 8 Ω per channel 150W into 8 Ω per channel 500 W into 8 Ω bridged 80 dB 10 Hz - 20 kHz 0.04% 105 dB 33.5 dB 0 ± 100 mV More than 200 5.25 (h) x 19 in (w) x 9.75 (d) 133 (h) x 482 mm (w) x 247 (d) 25.7 lb • 11.66 kg  360 W into 8 Ω per channel 230 W into 8 Ω per channel 720 W into 8 Ω bridged 10 Hz to 20 kHz 80 dB, (4 ohm, 125 W, 1 kHz) < .04% 105 dB 33.5 dB 0 ± 100 mV	Damping Factor Dimensions:  Weight:  F1200 Rated Output Power (1 kHz):  Frequency Response (+0dB, -1dB): Channel Separation: Distortion THD: Dynamic Range: Voltage Gain (4 ohm, 1 kHz): DC Offset Voltage Damping Factor Dimensions:  Weight:  Equalizers  S-Curve 215 Center frequencies (Hz)  Variable range Frequency response (unity) Distortopn THD High pass filter Noise (with 20 kHz LPF, all faders flat)	More than 100 5.25" (h) x 19" (w) x 11.5" (d) 133 mm (h) x 482 mm (w) x 292 mm (d) 30.5 lb • 13.8 kg  840 W into 4 Ω per channel 430 W into 8 Ω per channel 1244 W into 8 Ω bridged 10 Hz to 60 kHz 80 dB, (4 ohm, 125 W, 1 kHz) < .04% 103 dB 35.2 dB 0 ± 100 mV More than 100 5.25" (h) x 19" (w) x 11.5" (d) 133 mm (h) x 482 mm (w) x 292 mm (d) 40.5 lb • 18.4 kg   Dual 15-band graphic EQ 25, 40, 63, 100, 160, 250, 400, 630, 1 k, 1.6 k, 2.5 k, 4 k, 6.3 k, 10 k, 16 k ±6 dB, ±12 dB, -12 dB, -24 dB < 10 Hz to 90 kHz Less than 0.01% 80 Hz (18 dB/ oct) -85 dB	Dynamic range THD  Crosstalk Operating Level Max. Input Level CMRR Max. Output Level Dimensions  Net Weight Shipping Weight  S•com 4 Frequency Response	<10Hz to 20kHz +0 / 0.1dB effect out, -0.4dB @ 100kHz,  <10Hz to 20kHz +0 / 0.1dB effect in, -3dB @ >100kHz 116dB, un-weighted, 22Hz to 22kHz 0.008 % typ. @ +4dBu, 1kHz effect out, 0.016% effect in >100dB, 22Hz to 22kHz Selectable +4dBu / ·10dBV +21dBu, balanced Min. 40dB, >50dB @ 1kHz +21dBu, balanced 1 3/4" (44.5mm) x 19" (482.6mm) x 7 3/4" (197mm) 5 ib (2.3kg) 7.5 ib (3.4kg) 4 Channel Compressor/Gate <10Hz to 20kHz +0 / 0.1dB effect out, -0.4dB @ 100kHz, <10Hz to 20kHz +0 / 0.1dB effect in, -2dB @ >100kHz 1 00dBu, un-weighted, 22Hz to 22kHz 0.0008 % typ. @ +4dBu, 1kHz effect out,	Impedance Max. Input Level Output Max. Output Level Fuse  Power Consumption Power inlet Dimensions  Net Weight Shipping Weight  S-vox Specifications TBD  C-Valve Specifications TBD  C-Com 16 Specifications TBD  C-Com Opti Specifications TBD  C-Control Specifications TBD	20k Ohm balanced, 10k Ohm unbalanced +21 dBu, balanced and unbalanced XIR and 1/4* Jack +21 dBu, balanced and unbalanced 100-120 V AC: 250 mA (slow-blow) 200-240 V AC: 125 mA (slow-blow) 5 Watts Standard IEC receptacle/with fuse 1 3/4* (h) x 19* (w) x 7 3/4* 44.5 mm (h) x 482.6 mm (d) x 196.9 mm (d) 5.25 lbs. • 2.4 kgs 7.5 lbs. • 3.4 kgs  Stereo Voice Channel/Input Mixer  Tube Preamp  Compressor  Optical Compressor  Studio Matrix  Headphone Amp
Weight:  S500 Rated Output Power, per channel  Channel Separation (4 ohm, 125 W, 1 kHz) Frequency Response (0 dB, +0, -5 dB) Distortion THD Dynamic Range Voltage Gain (4 ohm, 1 kHz) DC Offset Voltage Damping Factor Dimensions  Weight:  S700 Rated Output Power (1 kHz):  Frequency Response (-3 dB): Channel Separation: Distortion THD: Dynamic Range: Voltage Gain (4 ohm, 1 kHz): DC Offset Voltage Damping Factor	395 W (220 Vac) 5.2" (h) x 19" (w) x 9.2" (d) 132mm (h) x 482mm (w) x 234mm (d) 32.4 lb • 14.7 kg  250 W into 4 Ω per channel 150W into 8 Ω per channel 500 W into 8 Ω bridged 80 dB 10 Hz - 20 kHz 0.04% 105 dB 33.5 dB 0 ± 100 mV More than 200 5.25 (h) x 19 in (w) x 9.75 (d) 133 (h) x 482 mm (w) x 247 (d) 25.7 lb • 11.66 kg  360 W into 8 Ω per channel 230 W into 8 Ω per channel 720 W into 8 Ω bridged 10 Hz to 20 kHz 80 dB, (4 ohm, 125 W, 1 kHz) < .04% 105 dB 33.5 dB 0 ± 100 mV More than 200	Damping Factor Dimensions:  Weight:  F1200 Rated Output Power (1 kHz):  Frequency Response (+OdB, -1dB): Channel Separation: Distortion THD: Dynamic Range: Voltage Gain (4 ohm, 1 kHz): DC Offset Voltage Damping Factor Dimensions:  Weight:  Fqualizers  S-Curve 215 Center frequencies (Hz)  Variable range Frequency response (unity) Distortopn THD High pass filter	More than 100 5.25" (h) x 19" (w) x 11.5" (d) 133 mm (h) x 482 mm (w) x 292 mm (d) 30.5 lb • 13.8 kg  840 W into 8 Ω per channel 430 W into 8 Ω per channel 1244 W into 8 Ω pirdged 10 Hz to 60 kHz 80 dB, (4 ohm, 125 W, 1 kHz) < .04% 103 dB 35.2 dB 0 ± 100 mV More than 100 5.25" (h) x 19" (w) x 11.5" (d) 133 mm (h) x 482 mm (w) x 292 mm (d) 40.5 lb • 18.4 kg  Dual 15-band graphic EQ 25, 40, 63, 100, 160, 250, 400, 630, 1 k, 1.6 k, 2.5 k, 4 k, 6.3 k, 10 k, 16 k ±6 dB, ±12 dB, -12 dB, -24 dB <10 Hz (18 dB/ oct) -85 dB 6-segment LED	Dynamic range THD  Crosstalk Operating Level Max. Input Level CMRR Max. Output Level Dimensions  Net Weight Shipping Weight  S-com 4  Frequency Response  Dynamic range THD  Crosstalk	<10Hz to 20kHz +0 / 0.1dB effect out, -0.4dB @ 100kHz, <10Hz to 20kHz +0 / 0.1dB effect in, -3dB @ >100kHz  116dB, un-weighted, 22Hz to 22kHz  0.008 % typ. @ +4dBu, 1kHz effect out, 0.016% effect in >100dB, 22Hz to 22kHz  Selectable +4dBu / ·10dBV +21dBu, balanced Min. 40dB, >50dB @ 1kHz +21dBu, balanced  1 3/4" (44.5mm) x 19" (482.6mm) x 7 3/4" (197mm) 5 ib (2.3kg) 7.5 ib (3.4kg) 4 Channel Compressor/Gate <10Hz to 20kHz +0 / 0.1dB effect out, -0.4dB @ 100kHz, <10Hz to 20kHz +0 / 0.1dB effect in, -2dB @ >100kHz  1 00dBu, un-weighted, 22Hz to 22kHz  0.0008 % typ. @ +4dBu, 1kHz effect out, 0.014% effect in 95dB, 22Hz to 22kHz	Impedance Max. Input Level Output Max. Output Level Fuse  Power Consumption Power inlet Dimensions  Net Weight Shipping Weight  S-vox Specifications TBD  C-Valve Specifications TBD  C-Com 16 Specifications TBD  C-Com Opti Specifications TBD  C-Control Specifications TBD  C-Control Specifications TBD	20k Ohm balanced, 10k Ohm unbalanced +21 dBu, balanced and unbalanced XIR and 1/4* jack +21 dBu, balanced and unbalanced 100-120 V AC; 250 mA (slow-blow) 200-240 V AC; 125 mA (slow-blow) 5 Watts Standard IEC receptacle/with fuse 1 3/4* (h) x 19* (w) x 7 3/4* 44.5 mm (h) x 482.6 mm (d) x 196.9 mm (d) 5.25 lbs.• 2.4 kgs 7.5 lbs.• 3.4 kgs  Stereo Voice Channel/Input Mixer  Tube Preamp  Compressor  Optical Compressor  Studio Matrix  Headphone Amp <10Hz to 20kHz
Weight:  S500 Rated Output Power, per channel  Channel Separation (4 ohm, 125 W, 1 kHz) Frequency Response (0 dB, +0, .5 dB) Distortion THD Dynamic Range Voltage Gain (4 ohm, 1 kHz) DC Offset Voltage Damping Factor Dimensions  Weight:  S700 Rated Output Power (1 kHz):  Frequency Response (3 dB): Channel Separation: Distortion THD: Dynamic Range: Voltage Gain (4 ohm, 1 kHz): DC Offset Voltage	395 W (220 Vac) 5.2" (h) x 19" (w) x 9.2" (d) 132mm (h) x 482mm (w) x 234mm (d) 32.4 lb • 14.7 kg  250 W into 4 Ω per channel 150W into 8 Ω per channel 150W into 8 Ω per channel 500 W into 8 Ω bridged 80 dB 10 Hz - 20 kHz 0.04% 105 dB 33.5 dB 0 ± 100 mV More than 200 5.25 (h) x 19 in (w) x 9.75 (d) 133 (h) x 482 mm (w) x 247 (d) 25.7 lb • 11.66 kg  360 W into 8 Ω per channel 230 W into 8 Ω per channel 720 W into 8 Ω bridged 10 Hz to 20 kHz 80 dB, (4 ohm, 125 W, 1 kHz) < .04% 105 dB 33.5 dB 0 ± 100 mV	Damping Factor Dimensions:  Weight:  F1200 Rated Output Power (1 kHz):  Frequency Response (+OdB, -1dB): Channel Separation: Distortion THD: Dynamic Range: Voltage Gain (4 ohm, 1 kHz): DC Offset Voltage Damping Factor Dimensions:  Weight:  Equalizers  S-Curve 215 Center frequencies (Hz)  Variable range Frequency response (unity) Distortopn THD High pass filter Noise (with 20 kHz LPF, all faders flat) Level Meter	More than 100 5.25" (h) x 19" (w) x 11.5" (d) 133 mm (h) x 482 mm (w) x 292 mm (d) 30.5 lb • 13.8 kg  840 W into 4 Ω per channel 430 W into 8 Ω per channel 1244 W into 8 Ω bridged 10 Hz to 60 kHz 80 dB, (4 ohm, 125 W, 1 kHz) < .04% 103 dB 35.2 dB 0 ± 100 mV More than 100 5.25" (h) x 19" (w) x 11.5" (d) 133 mm (h) x 482 mm (w) x 292 mm (d) 40.5 lb • 18.4 kg   Dual 15-band graphic EQ 25, 40, 63, 100, 160, 250, 400, 630, 1 k, 1.6 k, 2.5 k, 4 k, 6.3 k, 10 k, 16 k ±6 dB, ±12 dB, -12 dB, -24 dB < 10 Hz to 90 kHz Less than 0.01% 80 Hz (18 dB/ oct) -85 dB	Dynamic range THD  Crosstalk Operating Level Max. Input Level CMRR Max. Output Level Dimensions  Net Weight Shipping Weight  S-com 4 Frequency Response  Dynamic range THD	<10Hz to 20kHz +0 / 0.1dB effect out, -0.4dB @ 100kHz, -0.4dB @ 100kHz, -0.4dB @ 100kHz, -0.1dB effect in, -3dB @ >100kHz -0.2dB w >100kHz -0.008 % typ. @ +4dBu, 1kHz effect out, -0.016% effect in >100dB, 22Hz to 22kHz -0.008 % typ. @ +4dBu, 1kHz effect out, -0.016% effect in >100dB, 22Hz to 22kHz -0.008 % typ. @ +21dBu, balanced -0.008 % typ. @ +21dBu, balanced -0.008 % typ. @ +4dBu, -0.008 % typ. @ +4dBu, -0.01dB effect out, -0.4dB @ 100kHz, -0.01dB effect in, -2dB @ >100kHz -0.0008 % typ. @ +4dBu, 1kHz effect in, -0.014% effect in	Impedance Max. Input Level Output Max. Output Level Fuse  Power Consumption Power inlet Dimensions  Net Weight Shipping Weight  S•vox Specifications TBD  C•Valve Specifications TBD  C•Com 16 Specifications TBD  C•Com Opti Specifications TBD  C•Control Specifications TBD  C•Control Specifications TBD  C•Cue 8 Frequency Response Dynamic range	20k Ohm balanced, 10k Ohm unbalanced +21 dBu, balanced and unbalanced XIR and 1/4* jack +21 dBu, balanced and unbalanced 100-120 V AC; 250 mA (slow-blow) 200-240 V AC: 125 mA (slow-blow) 5 Watts Standard IEC receptacler/with fuse 1 3/4* (h) x 19* (w) x 7 3/4* 44.5 mm (h) x 482.6 mm (d) x 196.9 mm (d) 5.25 lbs. • 2.4 kgs 7.5 lbs. • 3.4 kgs  Stereo Voice Channel/Input Mixer  Tube Preamp  Compressor  Optical Compressor  Studio Matrix  Headphone Amp <10Hz to 20kHz 116dBu, un-weighted, 22 Hz to 22 kHz

Max. Input Level

CMRR

Dimensions

5.7 lb. • 2.6 kg

31-band graphic EQ

20, 25, 31.5, 40, 50, 63, 80, 100, 125,

31 lb • 14.06 kg

545 W into 4  $\Omega$  per channel

Weight:

\$1000

Rated Output Power (1 kHz):

S•Curve 131

Center frequencies (Hz)

+21dBu, balanced

x 7 3/4" (216mm)

Min 40dB, >50dB @ 1kHz

1 3/4" (44.5mm) x 19" (482.6mm)

Operating Level Max. Input Level CMRR

Max. Output Level

Min 40dB, >50dB @ 1kHz

+21dBu, balanced

+21dBu Balanced XLR and 1/4" TRS jack

OUTPUT	XLR and 1/4" jack	Mid (peaking)	$2.5 \text{ kHz} \pm 15 \text{ dB}$
Key Input Connector	1/4" jack	Low (shelving)	80 Hz ±15 dB
Key Output Connector	1/4" jack	Meters	6 POINT LED METERS (-20, -12, -6, 0, +6dB and
Dimensions	1.5/8" (h) x 8.5/8" (w) 7 1/4" (d)		PEAK)
	41.5 mm (h) x 215 mm (w) x 184 mm (d)	Internal DSP Effects	24 BIT -8 presets: 1 - Large Hall; 2 Medium Hall,
Net Weight	5.5lbs., (2.5 kg)		3 - Large Room; 4 - Vocal Room 1; 5 - Vocal
Shipping Weight	8lbs., (3.6 kg)		Room 2; 6 - Chorus + Reverb; 7 - Chorus +
			Delay; 8 - Stairwell
S•Direct	Direct Box	Phantom Power	+48V
Frequency Response	5-35 kHz, -3 dB	Power Consumption	300W 1/8 power, 540W full
Noise Level (22-22kHz, Input Shorted)	-104 dBu	Dimensions (W x D x H)	3 1/2≤ (h) x 11 1/2≤ (w) x 11 3/4≤ (d)
THD + N (10 Hz -22 kHz)	0.013% typ. @ 1 VRMS,1 kHz.		89 mm (h) x 292mm (w) x 299mm (d)
Input Impedance	(GTR) 1 Meg. Ohm	Weight	6.5 lbs. • (3 Kg)
	(SPK) 10 k Ohm		
Max. Input Level (1% THD)	+8.1 dBu ( 9v. Batt.)	MDR 10	
	+11.3 dBu (48v. Phantom)	Specifications TBD	
GTR/SPK Input	1/4" Phone Jack, unbalanced		
OUTPUT/LINK	1/4" Phone Jack, unbalanced	MDR 16	
BALANCED OUTPUT	XLR Connector, balanced	Specifications TBD	
Phantom Power	24-48 VDC		
Battery	9 Volt	Mixpad 4	
Dimensions	2" (h) x 5.6" (w) x 4" (d)	Mic EIN:	-128 dBu
	50.8mm (h) 142mm (w) x 101.6mm (d)	Line EIN:	-111 dBu
Weight	15 oz. • .43 Kg	Frequency response:	10 Hz to 54 kHz
C Manitan	Personal Monitor	Total harmonic distortion (with 30 kHz LPF):	.004%
S•Monitor	Personal Monitor	EQUALIZATION	15 40
Specifications TBD		High (12 kHz):	±15 dB
C. Miss	5-channel Mixer	Mid (2.5 kHz):	±12 dB
S•Mix Specifications TBD	5-channel Mixer	Low (80 Hz): Battery operation:	±15 dB Three 9V alkaline
Specifications 18D		Dimensions:	
C. A	A sharmal Handubarra Arra	Differsions.	2.7" (h) x 6.4" (w) x 9" (d)
S•Amp	4-channel Headphone Amp	\ A (-:-L+	69 mm x (h) 163 mm (w) x 228 mm (d)
Specifications TBD		Weight:	1.85 lbs. • .839 kg.
S•Convert	+4 to -10dB/-10 to +4dB Converter	Powered Mixers	
Specifications TBD	+4 to -10db/-10 to +4db converter	rowered winters	
Specifications 180		TM300	
Mixers		MIXER/PREAMP SECTION	
WIXEIS		Frequency response (± 1 dB):	<20 Hz to 20 kHz
MDR6		Total harmonic distortion:	< 0.02%
Frequency Response		Graphic Equalizer:	7 band ±12 dB
Mic to Main	5 Hz - 54 kHz	Phantom power	+48 V
Line to Main	5 Hz · 54 kHz	POWER AMP SECTION	140 ¥
Aux Return to Main	5 Hz - 98 kHz	Maximum output power (1 kHz):	150 W per channel into 4 $\Omega$
Line to Aux Send	5 Hz - 57 kHz	Total harmonic distortion:	< 0.2%
T.H.D.	0.02%	Signal-to-noise ratio:	>100 dB
Residual Noise (30 kHz LPF, all control Min)		Frequency response (± 3 dB):	<12 Hz to 20 kHz
Main	-89 dBu	GENERAL	
Aux Send	-86 dBu	Power consumption:	780 w
Crosstalk (@ 1 kHz w/ 30 kHz LPF)		Power requirements:	115 Vac • 50/60 Hz
Ch vs. Ch	75 dB		230 Vac • 50 Hz
Input vs. Output	87.5 dB	Dimensions:	5.5" (h) x 19.35" (w) x 13.75" (d)
Peak LED Sensitivity (before clipping)	5 dB		139 mm (h) x 349 mm (w) x 491 mm (d)
CLIP Indicators	Turn on: THD> 0.1%	Weight:	29.7 lbs. • 13.5 kg
Headphone output (600 ohm load)	100 mW		
Maximum Input Level (1 kHz, ± 3dB)		TM500	
Mic Input (Mono Ch)	10.5 dBu	MIXER/PREAMP SECTION	
Line Input (Stereo Ch)	7.6 dBu	Frequency response (± 1 dB):	
Input Channel Equalizer (± 2dB)			<20 Hz to 20 kHz
		Total harmonic distortion:	<20 Hz to 20 kHz < 0.02%
High (shelving)	12 kHz ±15 dB	Total harmonic distortion: Graphic Equalizer:	
High (shelving) Mid (peaking)	$12 \text{ kHz} \pm 15 \text{ dB}$ $2.5 \text{ kHz} \pm 15 \text{ dB}$		< 0.02%
		Graphic Equalizer:	< 0.02% 7 band ±12 dB
Mid (peaking)	$2.5 \text{ kHz} \pm 15 \text{ dB}$	Graphic Equalizer: Phantom power	< 0.02% 7 band ±12 dB
Mid (peaking) Low (shelving)	$2.5 \text{ kHz} \pm 15 \text{ dB}$ $80 \text{ Hz} \pm 15 \text{ dB}$	Graphic Equalizer: Phantom power POWER AMP SECTION	$< 0.02\%$ 7 band $\pm 12$ dB $+48$ V
Mid (peaking) Low (shelving) Meters	$2.5~\text{kHz} \pm 15~\text{dB}$ $80~\text{Hz} \pm 15~\text{dB}$ $6~\text{point LED}$ meter (-20, -12, -6, 0, +6dB and PEAK)	Graphic Equalizer:  Phanlom power  POWER AMP SECTION  Maximum output power (1 kHz):	$_{<$ 0.02% 7 band $_{\pm}12$ dB $_{+}48$ V $_{250}$ W per channel into 4 $\Omega$
Mid (peaking) Low (shelving) Meters Phantom Power	$$2.5\ kHz\pm15\ dB$$ $$80\ Hz\pm15\ dB$$ $6\ point\ LED\ meter\ (-20, -12, -6, 0, +6dB\ and\ PEAK)$$ $+48V$	Graphic Equalizer:  Phantom power  POWER AMP SECTION  Maximum output power (1 kHz):  Total harmonic distortion:	$<$ 0.02% 7 band ±12 dB $$+48\ V$$ 250 W per channel into 4 $\Omega$ $<$ 0.2%
Mid (peaking) Low (shelving) Meters Phantom Power Power Consumption	$2.5\ kHz$ ± 15 dB $$80\ Hz$ ±15 dB $$60\ point\ LED\ meter\ (-20, -12, -6, 0, +6dB\ and\ PEAK)$$+48V$$300W\ 1/8\ power,\ 540W\ full$	Graphic Equalizer:  Phantom power  POWER AMP SECTION  Maximum output power (1 kHz):  Total harmonic distortion:  Signal-to-noise ratio:	$<$ 0.02% 7 band $\pm 12$ dB $+48$ V $$250$ W per channel into 4 $\Omega$ $<$ 0.2% $>100$ dB
Mid (peaking) Low (shelving) Meters Phantom Power Power Consumption	$2.5 \text{ kHz} \pm 15 \text{ dB} \\ 80 \text{ Hz} \pm 15 \text{ dB} \\ 6 \text{ point LED meter (-20, -12, -6, 0, +6dB and PEAK)} \\ +48V \\ 300W \text{ 1/8 power, 540W full} \\ 2.7 \le \text{(h)} \times 6.4 \le \text{(w)} \times 9 \le \text{(d)} \\$	Graphic Equalizer:  Phantom power  POWER AMP SECTION  Maximum output power (1 kHz):  Total harmonic distortion:  Signal-to-noise ratio:  Frequency response (± 3 dB):  GENERAL  Power consumption:	$<$ 0.02% 7 band $\pm 12$ dB $+48$ V $-250$ W per channel into 4 $\Omega$ $<$ 0.2% $>$ 100 dB $<$ 12 Hz to 20 kHz $-1100$ w
Mid (peaking) Low (shelving) Meters Phantom Power Power Consumption Dimensions (W x D x H) Weight	$2.5 \text{ kHz} \pm 15 \text{ dB} \\ 80 \text{ Hz} \pm 15 \text{ dB} \\ 6 \text{ point LED meter (-20, -12, -6, 0, +6dB and PEAK)} \\ +48V \\ 300W \text{ 1/8 power, 540W full} \\ 2.7 \le \text{ (h)} \times 6.4 \le \text{ (w)} \times 9 \le \text{ (d)} \\ 69 \text{ mm (h)} \times 163 \text{ mm (d)} \times 228 \text{ mm (w)} \\$	Graphic Equalizer:  Phantom power  POWER AMP SECTION  Maximum oulput power (1 kHz):  Total harmonic distortion:  Signal-to-noise ratio:  Frequency response (± 3 dB):  GENERAL	$<$ 0.02% 7 band $\pm 12$ dB $+48$ V $-250$ W per channel into 4 $\Omega$ $<$ 0.2% $-100$ dB $<$ 12 Hz to 20 kHz $-1100$ W $-115$ Vac $\bullet$ 50/60 Hz
Mid (peaking) Low (shelving) Meters Phantom Power Power Consumption Dimensions (W x D x H)  Weight  MDR8	$2.5 \text{ kHz} \pm 15 \text{ dB} \\ 80 \text{ Hz} \pm 15 \text{ dB} \\ 6 \text{ point LED meter (-20, -12, -6, 0, +6dB and PEAK)} \\ +48V \\ 300W \text{ 1/8 power, 540W full} \\ 2.7 \le \text{ (h)} \times 6.4 \le \text{ (w)} \times 9 \le \text{ (d)} \\ 69 \text{ mm (h)} \times 163 \text{ mm (d)} \times 228 \text{ mm (w)} \\$	Graphic Equalizer: Phantom power POWER AMP SECTION Maximum output power (1 kHz): Total harmonic distortion: Signal-to-noise ratio: Frequency response (± 3 dB): GENERAL Power consumption: Power requirements:	< 0.02% 7 band ±12 dB +48 V  250 W per channel into 4 Ω < 0.2% >100 dB <12 Hz to 20 kHz  1100 w 115 Vac • 50/60 Hz 230 Vac • 50 Hz
Mid (peaking) Low (shelving) Meters Phantom Power Power Consumption Dimensions (W x D x H)  Weight  MDR8  Frequency Response (Trim @ Min, unity gain ± 3 dB)	$2.5 \text{ kHz} \pm 15 \text{ dB} \\ 80 \text{ Hz} \pm 15 \text{ dB} \\ 6 \text{ point LED meter (-20, -12, -6, 0, +6dB and PEAK)} \\ +48V \\ 300W \text{ 1/8 power, 540W full} \\ 2.7 \le (\text{h}) \text{ x } 6.4 \le (\text{w}) \text{ x } 9 \le (\text{d}) \\ 69 \text{ mm (h)} \text{ x } 163 \text{ mm (d)} \text{ x } 228 \text{ mm (w)} \\ 4.5 \text{ lbs} \bullet 2.04 \text{ Kg} \\ \end{cases}$	Graphic Equalizer:  Phantom power  POWER AMP SECTION  Maximum output power (1 kHz):  Total harmonic distortion:  Signal-to-noise ratio:  Frequency response (± 3 dB):  GENERAL  Power consumption:	< 0.02% 7 band ±12 dB +48 V  250 W per channel into 4 Ω < 0.2% >100 dB <12 Hz to 20 kHz  1100 w 115 Vac • 50/60 Hz 230 Vac • 50 Hz 5.5″ (h) x 19.35″ (w) x 13.75″ (d)
Mid (peaking) Low (shelving) Meters Phantom Power Power Consumption Dimensions (W x D x H)  Weight  MDR8 Frequency Response (Trim @ Min, unity gain ± 3 dB) Mic to Main	2.5 kHz ± 15 dB 80 Hz ±15 dB 6 point LED meter (20, ·12, ·6, 0, +6dB and PEAK) +48V 300W 1/8 power, 540W) full 2.7≤ (h) x 6.4≤ (w) x 9≤ (d) 69 mm (h) x 163 mm (d) x 228 mm (w) 4.5 lbs • 2.04 Kg	Graphic Equalizer: Phantom power POWER AMP SECTION Maximum output power (1 kHz): Total harmonic distortion: Signal-to-noise ratio: Frequency response (± 3 dB): GENERAL Power consumption: Power requirements: Dimensions:	< 0.02% 7 band ±12 dB +48 V  250 W per channel into 4 Ω < 0.2% >100 dB <12 Hz to 20 kHz  1100 w  115 Vac • 50/60 Hz 230 Vac • 50 Hz 5.5″ (ħ) x 19.35″ (w) x 13.75″ (d) 139 mm (ħ) x 349 mm (w) x 491 mm (d)
Mid (peaking) Low (shelving) Meters Phantom Power Power Consumption Dimensions (W x D x H)  Weight  MDR8 Frequency Response (Trim @ Min, unity gain ± 3 dB) Mic to Main Line to Main	2.5 kHz ± 15 dB 80 Hz ±15 dB 6 point LED meter (.20, .12, .6, 0, +6dB and PEAK) +48V 300W 1/8 power, 540W full 2.7≤ (h) x 6.4≤ (w) x 9≤ (d) 69 mm (h) x 163 mm (d) x 228 mm (w) 4.5 lbs • 2.04 kg	Graphic Equalizer: Phantom power POWER AMP SECTION Maximum output power (1 kHz): Total harmonic distortion: Signal-to-noise ratio: Frequency response (± 3 dB): GENERAL Power consumption: Power requirements:	< 0.02% 7 band ±12 dB +48 V  250 W per channel into 4 Ω < 0.2% >100 dB <12 Hz to 20 kHz  1100 w 115 Vac • 50/60 Hz 230 Vac • 50 Hz 5.5″ (h) x 19.35″ (w) x 13.75″ (d)
Mid (peaking) Low (shelving) Meters Phantom Power Power Consumption Dimensions (W x D x H)  Weight  MDR8 Frequency Response (Trim @ Min, unity gain ± 3 dB) Mic to Main Line to Main Aux Return to Main	2.5 kHz ± 15 dB 80 Hz ±15 dB 6 point LED meter (.20, .12, .6, 0, +6dB and PEAK) +48V 300W 1/8 power, 540W full 2.7≤ (h) x 6.4≤ (w) x 9≤ (d) 69 mm (h) x 163 mm (d) x 228 mm (w) 4.5 lbs • 2.04 Kg 5 Hz - 54 kHz 5 Hz - 54 kHz 5 Hz - 98 kHz	Graphic Equalizer: Phantom power POWER AMP SECTION Maximum output power (1 kHz): Total harmonic distortion: Signal-to-noise ratio: Frequency response (± 3 dB): GENERAL Power consumption: Power requirements:  Dimensions:	< 0.02% 7 band ±12 dB +48 V  250 W per channel into 4 Ω < 0.2% >100 dB <12 Hz to 20 kHz  1100 w  115 Vac • 50/60 Hz 230 Vac • 50 Hz 5.5″ (ħ) x 19.35″ (w) x 13.75″ (d) 139 mm (ħ) x 349 mm (w) x 491 mm (d)
Mid (peaking) Low (shelving) Meters Phantom Power Power Consumption Dimensions (W x D x H)  Weight  MDR8 Frequency Response (Trim @ Min, unity gain ± 3 dB) Mic to Main Line to Main Line to Aux Send	2.5 kHz ± 15 dB 80 Hz ±15 dB 6 point LED meter (20, ·12, ·6, 0, +6dB and PEAK) +48V 300W 1/8 power, 540W full 2.7≤ (h) x 6.4≤ (w) x 9≤ (d) 69 mm (h) x 163 mm (d) x 228 mm (w) 4.5 lbs • 2.04 kg 5 Hz · 54 kHz 5 Hz · 54 kHz 5 Hz · 98 kHz 5 Hz · 57 kHz	Graphic Equalizer: Phantom power POWER AMP SECTION Maximum output power (1 kHz): Total harmonic distortion: Signal-to-noise ratio: Frequency response (± 3 dB): GENERAL Power consumption: Power requirements:  Dimensions:  Weight:	< 0.02% 7 band ±12 dB +48 V  250 W per channel into 4 Ω < 0.2% >100 dB <12 Hz to 20 kHz  1100 w 115 Vac • 50/60 Hz 230 Vac • 50 Hz 5.5″ (ħ) x 19.35″ (ω) x 13.75″ (d) 139 mm (ħ) x 349 mm (w) x 491 mm (d) 36 lbs. • 16.4 kg
Mid (peaking) Low (shelving) Meters Phantom Power Power Consumption Dimensions (W x D x H)  Weight  MDR8 Frequency Response (Trim @ Min, unity gain ± 3 dB) Mic to Main Line to Main Line to Main Line to Aux Send T.H.D.	2.5 kHz ± 15 dB 80 Hz ±15 dB 6 point LED meter (.20, .12, .6, 0, +6dB and PEAK) +48V 300W 1/8 power, 540W full 2.7≤ (h) x 6.4≤ (w) x 9≤ (d) 69 mm (h) x 163 mm (d) x 228 mm (w) 4.5 lbs • 2.04 Kg 5 Hz - 54 kHz 5 Hz - 54 kHz 5 Hz - 98 kHz	Graphic Equalizer: Phantom power POWER AMP SECTION Maximum output power (1 kHz): Total harmonic distortion: Signal-to-noise ratio: Frequency response (± 3 dB): GENERAL Power consumption: Power requirements:  Dimensions:  Weight:  PA324 Rated Output power	< 0.02% 7 band ±12 dB +48 V  250 W per channel into 4 Ω < 0.2% >100 dB <12 Hz to 20 kHz  1100 w 115 Vac • 50/60 Hz 230 Vac • 50 Hz 5.5″ (h) x 19.35″ (w) x 13.75″ (d) 139 mm (h) x 349 mm (w) x 491 mm (d) 36 lbs. • 16.4 kg
Mid (peaking) Low (shelving) Melers Phantom Power Power Consumption Dimensions (W x D x H)  Weight  MDR8 Frequency Response (Trim @ Min, unity gain ± 3 dB) Mic to Main Line to Main Aux Return to Main Line to Aux Send T.H.D. Residual Noise (30 kHz LPF, all control Min)	2.5 kHz ± 15 dB 80 Hz ±15 dB 80 Hz ±15 dB 6 point LED meter (⋅20, ⋅12, ⋅6, 0, +6dB and PEAK) +48V 300W 1/8 power, 540W) full 2.7≤ (h) x 6.4≤ (w) x 9≤ (d) 69 mm (h) x 163 mm (d) x 228 mm (w) 4.5 lbs • 2.04 kg  5 Hz ⋅ 54 kHz 5 Hz ⋅ 54 kHz 5 Hz ⋅ 57 kHz 0.02%	Graphic Equalizer: Phantom power POWER AMP SECTION Maximum output power (1 kHz): Total harmonic distortion: Signal-to-noise ratio: Frequency response (± 3 dB): GENERAL Power consumption: Power requirements:  Dimensions:  Weight:	< 0.02% 7 band ±12 dB +48 V  250 W per channel into 4 Ω < 0.2% >100 dB <12 Hz to 20 kHz  1100 w  115 Vac • 50/60 Hz 230 Vac • 50 Hz 5.5" (h) x 19.35" (w) x 13.75" (d) 139 mm (h) x 349 mm (w) x 491 mm (d) 36 lbs. • 16.4 kg  150W/4Ω@0.5% THD at 1KHz per amplifier 20Hz~20KHz±0.5dB@1W Output into 8Ω (AMP)
Mid (peaking) Low (shelving) Meters Phantom Power Power Consumption Dimensions (W x D x H)  Weight  MDR8 Frequency Response (Trim @ Min, unity gain ± 3 dB) Mic to Main Line to Main Aux Return to Main Line to Aux Send T.H.D. Residual Noise (30 kHz LPF, all control Min) Main	2.5 kHz ± 15 dB 80 Hz ±15 dB 80 Hz ±15 dB 6 point LED meter (.20, .12, .6, 0, +6dB and PEAK) +48V 300W 1/8 power, 540W full 2.7≤ (h) x 6.4≤ (w) x 9≤ (d) 69 mm (h) x 163 mm (d) x 228 mm (w) 4.5 lbs • 2.04 Kg  5 Hz • 54 kHz 5 Hz • 54 kHz 5 Hz • 98 kHz 5 Hz • 57 kHz 0.02%	Graphic Equalizer: Phantom power POWER AMP SECTION Maximum output power (1 kHz): Total harmonic distortion: Signal-to-noise ratio: Frequency response (± 3 dB): GENERAL Power consumption: Power requirements:  Dimensions:  Weight:  PA324 Rated Output power	< 0.02% 7 band ±12 dB +48 V  250 W per channel into 4 Ω < 0.2% >100 dB <12 Hz to 20 kHz  1100 w  115 Vac • 50/60 Hz 230 Vac • 50 Hz 5.5" (h) x 19.35" (w) x 13.75" (d) 139 mm (h) x 349 mm (w) x 491 mm (d) 36 lbs. • 16.4 kg  150W/4Ω@0.5% THD at 1KHz per amplifier 20Hz-20KHz±0.5dB@1W Output into 8Ω (AMP OUT)
Mid (peaking) Low (shelving) Meters Phantom Power Power Consumption Dimensions (W x D x H)  Weight  MDRB Frequency Response (Trim @ Min, unity gain ± 3 dB) Mic to Main Line to Main Line to Aux Send T.H.D. T.H.D. Residual Noise (30 kHz LPF, all control Min) Main Aux Send	2.5 kHz ± 15 dB 80 Hz ±15 dB 80 Hz ±15 dB 6 point LED meter (⋅20, ⋅12, ⋅6, 0, +6dB and PEAK) +48V 300W 1/8 power, 540W) full 2.7≤ (h) x 6.4≤ (w) x 9≤ (d) 69 mm (h) x 163 mm (d) x 228 mm (w) 4.5 lbs • 2.04 kg  5 Hz ⋅ 54 kHz 5 Hz ⋅ 54 kHz 5 Hz ⋅ 57 kHz 0.02%	Graphic Equalizer: Phantom power POWER AMP SECTION Maximum output power (1 kHz): Total harmonic distortion: Signal-to-noise ratio: Frequency response (± 3 dB): GENERAL Power consumption: Power requirements:  Dimensions:  Weight:  PA324 Rated Output power	< 0.02% 7 band ±12 dB +48 V  250 W per channel into 4 Ω < 0.2% >100 dB <12 Hz to 20 kHz  1100 w 115 Vac • 50/60 Hz 230 Vac • 50 Hz 5.5" (ħ) x 19.35" (w) x 13.75" (d) 139 mm (ħ) x 349 mm (w) x 491 mm (d) 36 lbs. • 16.4 kg  150W/4Ω@0.5% THD at 1KHz per amplifier 20Hz-20KHz±0.5dB@1W Output into 8Ω (AMP OUT) 20 Hz-20KHz±0.5dB@1W Output into 10Ω
Mid (peaking) Low (shelving) Meters Phantom Power Power Consumption Dimensions (W x D x H)  Weight  MDR8 Frequency Response (Trim @ Min, unity gain ± 3 dB) Mic to Main Line to Main Line to Main Line to Aux Send T.H.D. Residual Noise (30 kHz LPF, all control Min) Main Aux Send Crosstalk (@ 1 kHz w/ 30 kHz LPF)	2.5 kHz ± 15 dB 80 Hz ±15 dB 80 Hz ±15 dB 6 point LED meter (.20, .12, .6, 0, +6dB and PEAK) +48V 300W 1/8 power, 540W full 2.7≤ (h) x 6.4≤ (w) x 9≤ (d) 69 mm (h) x 163 mm (d) x 228 mm (w) 4.5 lbs • 2.04 Kg  5 Hz ⋅ 54 kHz 5 Hz ⋅ 54 kHz 5 Hz ⋅ 98 kHz 5 Hz ⋅ 57 kHz 0.02%  89 dBu 86 dBu	Graphic Equalizer: Phantom power POWER AMP SECTION Maximum output power (1 kHz): Total harmonic distortion: Signal-to-noise ratio: Frequency response (± 3 dB): GENERAL Power consumption: Power requirements:  Dimensions:  Weight:  PA324 Rated Output power Frequency response	< 0.02% 7 band ±12 dB +48 V  250 W per channel into 4 Ω < 0.2% >100 dB <12 Hz to 20 kHz  1100 w 115 Vac • 50/60 Hz 230 Vac • 50 Hz 5.5" (ħ) x 19.35" (w) x 13.75" (d) 139 mm (ħ) x 349 mm (w) x 491 mm (d) 36 lbs. • 16.4 kg  150W/4Ω@0.5% THD at 1KHz per amplifier 20Hz-20KHz±0.5dB@1W Output into 8Ω (AMP OUT) 20 Hz-20KHz±0.5dB#4dB Output into 10Ω (MAIN OUT, MONITOR OUT, EFX SEND)
Mid (peaking) Low (shelving) Meters Phantom Power Power Consumption Dimensions (W x D x H)  Weight  MDR8 Frequency Response (Trim @ Min, unity gain ± 3 dB) Mic to Main Line to Main Line to Main Line to Aux Send T.H.D. Residual Noise (30 kHz LPF, all control Min) Main Aux Send Crosstalk (@ 1 kHz w/ 30 kHz LPF) Ch vs. Ch	2.5 kHz ± 15 dB 80 Hz ±15 dB 80 Hz ±15 dB 6 point LED meter (·20, ·12, ·6, 0, +6dB and PEAK) +48V 300W 1/8 power, 540W full 2.7≤ (h) x 6.4≤ (w) x 9≤ (d) 69 mm (h) x 163 mm (d) x 228 mm (w) 4.5 lbs • 2.04 Kg  5 Hz · 54 kHz 5 Hz · 54 kHz 5 Hz · 54 kHz 5 Hz · 57 kHz 0.02% -89 dBu -86 dBu 75 dB	Graphic Equalizer: Phantom power POWER AMP SECTION Maximum output power (1 kHz): Total harmonic distortion: Signal-to-noise ratio: Frequency response (± 3 dB): GENERAL Power consumption: Power requirements:  Dimensions:  Weight:  PA324 Rated Output power	< 0.02% 7 band ±12 dB +48 V  250 W per channel into 4 Ω < 0.2% >100 dB <12 Hz to 20 kHz  1100 w 115 Vac • 50/60 Hz 230 Vac • 50 Hz 5.5″ (h) x 19.35″ (w) x 13.75″ (d) 139 mm (h) x 349 mm (w) x 491 mm (d) 36 lbs. • 16.4 kg  150W/4Ω@0.5% THD at 1KHz per amplifier 20Hz-20KHz±0.5dB@1W Output into 8Ω (AMP OUT) 20 Hz-20KHz ±0.5@+4dB Output into 10Ω (MAIN OUT, MONITOR OUT, EFX SEND) < 0.1%@20Hz-20KHz, 75W output into 4Ω
Mid (peaking) Low (shelving) Meters Phantom Power Power Consumption Dimensions (W x D x H)  Weight  MDR8 Frequency Response (Trim @ Min, unity gain ± 3 dB) Mic to Main Line to Main Line to Main Line to Aux Send T.H.D. Residual Noise (30 kHz LPF, all control Min) Main Aux Send Crosstalk (@ 1 kHz w/ 30 kHz LPF) Ch vs. Ch Input vs. Output	2.5 kHz ± 15 dB 80 Hz ±15 dB 80 Hz ±15 dB 6 point LED meter (⋅20, ⋅12, ⋅6, 0, +6dB and PEAK) +48V 300W 1/8 power, 540W) full 2.7≤ (h) x 6.4≤ (w) x 9≤ (d) 69 mm (h) x 163 mm (d) x 228 mm (w) 4.5 lbs • 2.04 Kg  5 Hz ⋅ 54 kHz 5 Hz ⋅ 54 kHz 5 Hz ⋅ 57 kHz 0.02% -89 dBu -86 dBu -75 dB 87.5 dB	Graphic Equalizer: Phantom power POWER AMP SECTION Maximum output power (1 kHz): Total harmonic distortion: Signal-to-noise ratio: Frequency response (± 3 dB): GENERAL Power consumption: Power requirements:  Dimensions:  Weight:  PA324 Rated Output power Frequency response	< 0.02% 7 band ±12 dB +48 V  250 W per channel into 4 Ω < 0.2% >100 dB <12 Hz to 20 kHz  1100 w  115 Vac • 50/60 Hz 230 Vac • 50 Hz 5.5″ (h) x 19.35″ (w) x 13.75″ (d) 139 mm (h) x 349 mm (w) x 491 mm (d) 36 lbs. • 16.4 kg  150W/4Ω@0.5% THD at 1KHz per amplifier 20Hz-20KHz±0.5dB@1W Output into 8Ω (AMP OUT) 20 Hz-20KHz ±0.5e+4dB Output into 10Ω (MAIN OUT, MONITOR OUT, EFX SEND) < 0.1%@20Hz-20KHz, 75W output into4Ω (AMP OUT)
Mid (peaking) Low (shelving) Meters Phantom Power Power Consumption Dimensions (W x D x H)  Weight  MDR8 Frequency Response (Trim @ Min, unity gain ± 3 dB) Mic to Main Line to Main Line to Main Aux Return to Main Line to Aux Send T.H.D. Residual Noise (30 kHz LPF, all control Min) Main Aux Send Crosstalk (@ 1 kHz w/ 30 kHz LPF) Ch vs. Ch Input vs. Output Peak LED Sensitivity (before clipping)	2.5 kHz ± 15 dB 80 Hz ±15 dB 80 Hz ±15 dB 6 point LED meter (20, ·12, ·6, 0, +6dB and PEAK) +48V 300W 1/8 power, 540W full 2.7≤ (h) x 6.4≤ (w) x 9≤ (d) 69 mm (h) x 163 mm (d) x 228 mm (w) 4.5 lbs • 2.04 Kg  5 Hz · 54 kHz 5 Hz · 54 kHz 5 Hz · 98 kHz 5 Hz · 57 kHz 0.02%  89 dBu 86 dBu 75 dB 87.5 dB 5 dB	Graphic Equalizer: Phantom power POWER AMP SECTION Maximum output power (1 kHz): Total harmonic distortion: Signal-to-noise ratio: Frequency response (± 3 dB): GENERAL Power consumption: Power requirements:  Dimensions:  Weight:  PA324 Rated Output power Frequency response	< 0.02% 7 band ±12 dB +48 V  250 W per channel into 4 Ω < 0.2% >100 dB <12 Hz to 20 kHz  1100 w  115 Vac • 50/60 Hz 230 Vac • 50 Hz 5.5" (h) x 19.35" (w) x 13.75" (d) 139 mm (h) x 349 mm (w) x 491 mm (d) 36 lbs. • 16.4 kg  150W/4Ω@0.5% THD at 1KHz per amplifier 20Hz-20KHz±0.5dB@1W Output into 8Ω (AMP OUT) 20 Hz-20KHz±0.5dB@1W Output into 10Ω (MAIN OUT, MONITOR OUT, EFX SEND) < 0.1%@20Hz-20KHz.14dB output into 4Ω (AMP OUT) Less than 0.1%@20 Hz-20KHz+14dB output into
Mid (peaking) Low (shelving) Meters Phantom Power Power Consumption Dimensions (W x D x H)  Weight  MDR8 Frequency Response (Trim @ Min, unity gain ± 3 dB) Mic to Main Line to Main Line to Main Line to Aux Send T.H.D. Residual Noise (30 kHz LPF, all control Min) Main Aux Send Crosstalk (@ 1 kHz w/ 30 kHz LPF) Ch vs. Ch Input vs. Output Peak LED Sensitivity (before clipping) CLIP Indicators	2.5 kHz ± 15 dB 80 Hz ±15 dB 80 Hz ±15 dB 6 point LED meter (.20, .12, .6, 0, +6dB and PEAK) +48V 300W 1/8 power, 540W full 2.7≤ (h) x 6.4≤ (w) x 9≤ (d) 69 mm (h) x 163 mm (d) x 228 mm (w) 4.5 lbs • 2.04 Kg  5 Hz · 54 kHz 5 Hz · 54 kHz 5 Hz · 57 kHz 0.02%  89 dBu 86 dBu 75 dB 87.5 dB 5 dB Turn on: THD> 0.1%	Graphic Equalizer: Phantom power POWER AMP SECTION Maximum output power (1 kHz): Total harmonic distortion: Signal-to-noise ratio: Frequency response (± 3 dB): GENERAL Power consumption: Power requirements:  Dimensions:  Weight:  PA324 Rated Output power Frequency response	< 0.02% 7 band ±12 dB +48 V  250 W per channel into 4 Ω < 0.2% >100 dB <12 Hz to 20 kHz  1100 w 115 Vac • 50/60 Hz 230 Vac • 50 Hz 5.5" (h) x 19.35" (w) x 13.75" (d) 139 mm (h) x 349 mm (w) x 491 mm (d) 36 lbs. • 16.4 kg  150W/4Ω@0.5% THD at 1KHz per amplifier 20Hz-20KHz±0.5dB@1W Output into 8Ω (AMP OUT) 20 Hz-20KHz±0.5dB@1W Output into 10Ω (MAIN OUT, MONITOR OUT, EFX SEND) < 0.1%@20Hz-20KHz+75W output into 4Ω (AMP OUT) Less than 0.1%@20 Hz-20KHz+14dB output into 10KΩ (MAIN OUT, MON OUT, EFX SEND)
Mid (peaking) Low (shelving) Meters Phantom Power Power Consumption Dimensions (W x D x H)  Weight  MDRB Frequency Response (Trim @ Min, unity gain ± 3 dB) Mic to Main Line to Main Line to Main Line to Aux Send T.H.D. Residual Noise (30 kHz LPF, all control Min) Main Aux Send Crosstalk (@ 1 kHz w/ 30 kHz LPF) Ch vs. Ch Input vs. Output Peak LED Sensitivity (before clipping) CLIP indicators Headphone output (600 ohm load)	2.5 kHz ± 15 dB 80 Hz ±15 dB 80 Hz ±15 dB 6 point LED meter (.20, .12, .6, 0, +6dB and PEAK) +48V 300W 1/8 power, 540W full 2.7≤ (h) x 6.4≤ (w) x 9≤ (d) 69 mm (h) x 163 mm (d) x 228 mm (w) 4.5 lbs • 2.04 kg  5 Hz ⋅ 54 kHz 5 Hz ⋅ 54 kHz 5 Hz ⋅ 57 kHz 0.02% -89 dBu -86 dBu -75 dB 87.5 dB 5 dB Turm on: THD> 0.1% 100 mW	Graphic Equalizer: Phantom power POWER AMP SECTION Maximum output power (1 kHz): Total harmonic distortion: Signal-to-noise ratio: Frequency response (± 3 dB): GENERAL Power consumption: Power requirements:  Dimensions:  Weight:  PA324 Rated Output power Frequency response  Total Harmonic Distortion	< 0.02% 7 band ±12 dB +48 V  250 W per channel into 4 Ω < 0.2% >100 dB <12 Hz to 20 kHz  1100 w 115 Vac • 50/60 Hz 230 Vac • 50 Hz 5.5" (ħ) x 19.35" (w) x 13.75" (d) 139 mm (ħ) x 349 mm (w) x 491 mm (d) 36 lbs. • 16.4 kg  150W/4Ω@0.5% THD at 1KHz per amplifier 20Hz~20KHz±0.5dB@1W Output into 10Ω (MAIN OUT, MONITOR OUT, EFX SEND) < 0.1%@20Hz~20KHz+14dB output into 10KΩ (MAIN OUT, MON OUT, EFX SEND) -121dB equivalent input noise
Mid (peaking) Low (shelving) Meters Phantom Power Power Consumption Dimensions (W x D x H)  Weight  MDR8 Frequency Response (Trim @ Min, unity gain ± 3 dB) Mic to Main Line to Main Line to Main Line to Aux Send T.H.D. Residual Noise (30 kHz LPF, all control Min) Main Aux Return to Main Line to Aux Send Crosstalk (@ 1 kHz w/ 30 kHz LPF) Ch vs. Ch Input vs. Output Peak LED Sensitivity (before clipping) CLIP Indicators Headphone output (600 ohm load) Maximum Input Level	2.5 kHz ± 15 dB 80 Hz ±15 dB 80 Hz ±15 dB 6 point LED meter (·20, ·12, ·6, 0, +6dB and PEAK) +48V 300W 1/8 power, 540W full 2.7≤ (h) x 6.4≤ (w) x 9≤ (d) 69 mm (h) x 163 mm (d) x 228 mm (w) 4.5 lbs • 2.04 Kg  5 Hz · 54 kHz 5 Hz · 54 kHz 5 Hz · 57 kHz 0.02% -89 dBu -86 dBu -75 dB 87.5 dB 5 dB 5 dB Turn on: THD> 0.1% 100 mW (1 kHz, ± 3dB)	Graphic Equalizer: Phantom power POWER AMP SECTION Maximum output power (1 kHz): Total harmonic distortion: Signal-to-noise ratio: Frequency response (± 3 dB): GENERAL Power consumption: Power requirements:  Dimensions:  Weight:  PA324 Rated Output power Frequency response	< 0.02% 7 band ±12 dB +48 V  250 W per channel into 4 Ω < 0.2% >100 dB <12 Hz to 20 kHz  1100 w 115 Vac • 50/60 Hz 230 Vac • 50 Hz 5.5″ (h) x 19.35″ (w) x 13.75″ (d) 139 mm (h) x 349 mm (w) x 491 mm (d) 36 lbs. • 16.4 kg  150W/4Ω@0.5% THD at 1KHz per amplifier 20Hz-20KHz±0.5dB@1W Output into 8Ω (AMP OUT) 20 Hz-20KHz±0.5dB@1W Output into 10Ω (MAIN OUT, MONITOR OUT, EFX SEND) < 0.1%@20Hz-20KHz+14dB output into 4Ω (AMP OUT) Less than 0.1%@20 Hz-20KHz+14dB output into 10KΩ (MAIN OUT, MON OUT, EFX SEND) ·121dB equivalent input noise -10OdB residual output noise (MAIN OUT, MONI-
Mid (peaking) Low (shelving) Meters Phantom Power Power Consumption Dimensions (W x D x H)  Weight  MDR8 Frequency Response (Trim @ Min, unity gain ± 3 dB) Mic to Main Line to Main Line to Main Line to Aux Send T.H.D. Residual Noise (30 kHz LPF, all control Min) Main Aux Return to Main Line to Aux Send T.H.D. Crosstalk (@ 1 kHz w/ 30 kHz LPF) Ch vs. Ch Input vs. Output Peak LED Sensitivity (before clipping) CLIP Indicators Headphone output (600 ohm load) Maximum Input Level Mic Input (Mono Ch)	2.5 kHz ± 15 dB 80 Hz ±15 dB 80 Hz ±15 dB 6 point LED meter (·20, ·12, ·6, 0, +6dB and PEAK) +48V 300W 1/8 power, 540W full 2.7≤ (h) x 6.4≤ (w) x 9≤ (d) 69 mm (h) x 163 mm (d) x 228 mm (w) 4.5 lbs • 2.04 Kg  5 Hz · 54 kHz 5 Hz · 54 kHz 5 Hz · 57 kHz 0.02% -89 dBu -86 dBu -75 dB -87.5 dB -5 dB -5 dB -75 dB -7	Graphic Equalizer: Phantom power POWER AMP SECTION Maximum output power (1 kHz): Total harmonic distortion: Signal-to-noise ratio: Frequency response (± 3 dB): GENERAL Power consumption: Power requirements:  Dimensions:  Weight:  PA324 Rated Output power Frequency response  Total Harmonic Distortion  Hum & Noise (Average, RS+150Ω)	< 0.02% 7 band ±12 dB +48 V  250 W per channel into 4 Ω < 0.2% >100 dB <12 Hz to 20 kHz  1100 w  115 Vac • 50/60 Hz 230 Vac • 50 Hz 5.5" (h) x 19.35" (w) x 13.75" (d) 139 mm (h) x 349 mm (w) x 491 mm (d) 36 lbs. • 16.4 kg  150W/4Ω@0.5% THD at 1KHz per amplifier 20Hz-20KHz±0.5dB@1W Output into 8Ω (AMP OUT) 20 Hz-20KHz±0.5dB@1W Output into 10Ω (MAIN OUT, MONITOR OUT, EFX SEND) < 0.1%@20Hz-20KHz+14dB output into 10KΩ (MAIN OUT, MON OUT, EFX SEND) .121dB equivalent input noise .100dB residual output noise (MAIN OUT, MONITOR OUT, EFX SEND)
Mid (peaking) Low (shelving) Meters Phantom Power Power Consumption Dimensions (W x D x H)  Weight  MDR8 Frequency Response (Trim @ Min, unity gain ± 3 dB) Mic to Main Line to Main Line to Main Line to Aux Send T.H.D. Residual Noise (30 kHz LPF, all control Min) Main Aux Return to Main Line to Aux Send Crosstalk (@ 1 kHz w/ 30 kHz LPF) Ch vs. Ch Input vs. Output Peak LED Sensitivity (before clipping) CUP Indicators Headphone output (600 ohm load) Maximum Input Level Mic Input (Mono Ch) Line Input (Stereo Ch)	2.5 kHz ± 15 dB 80 Hz ±15 dB 80 Hz ±15 dB 6 point LED meter (20, ·12, ·6, 0, +6dB and PEAK)  +48V  300W 1/8 power, 540W/ full 2.7≤ (h) x 6.4≤ (w) x 9≤ (d) 69 mm (h) x 163 mm (d) x 228 mm (w)  4.5 lbs • 2.04 Kg  5 Hz · 54 kHz 5 Hz · 54 kHz 5 Hz · 57 kHz 0.02%  89 dBu 86 dBu  75 dB 87.5 dB 5 dB Turn on: THD> 0.1% 100 mW (1 kHz, ± 3dB) 10.5 dBu 7.6 dBu	Graphic Equalizer: Phantom power POWER AMP SECTION Maximum output power (1 kHz): Total harmonic distortion: Signal-to-noise ratio: Frequency response (± 3 dB): GENERAL Power consumption: Power requirements:  Dimensions:  Weight:  PA324 Rated Output power Frequency response  Total Harmonic Distortion	< 0.02% 7 band ±12 dB +48 V  250 W per channel into 4 Ω < 0.2% >100 dB <12 Hz to 20 kHz  1100 w  115 Vac • 50/60 Hz 230 Vac • 50 Hz 5.5" (h) x 19.35" (w) x 13.75" (d) 139 mm (h) x 349 mm (w) x 491 mm (d) 36 lbs. • 16.4 kg  150W/4Ω@0.5% THD at 1KHz per amplifier 20Hz-20KHz±0.5dB@1W Output into 8Ω (AMP OUT) 20 Hz-20KHz±0.5dB@1W Output into 10Ω (MAIN OUT, MONITOR OUT, EFX SEND) < 0.1%@20Hz-20KHz+14dB output into 10KΩ (MAIN OUT, MON OUT, EFX SEND) -121dB equivalent input noise -100dB residual output noise (MAIN OUT, MONITOR OUT, EFX SEND) -79dB (MAIN OUT, MONITOR OUT) Master level
Mid (peaking) Low (shelving) Meters Phantom Power Power Consumption Dimensions (W x D x H)  Weight  MDR8 Frequency Response (Trim @ Min, unity gain ± 3 dB) Mic to Main Line to Main Line to Main Line to Aux Send T.H.D. Residual Noise (30 kHz LPF, all control Min) Main Aux Return to Main Line to Aux Send T.H.D. Crosstalk (@ 1 kHz w/ 30 kHz LPF) Ch vs. Ch Input vs. Output Peak LED Sensitivity (before clipping) CLIP Indicators Headphone output (600 ohm load) Maximum Input Level Mic Input (Mono Ch)	2.5 kHz ± 15 dB 80 Hz ±15 dB 80 Hz ±15 dB 6 point LED meter (·20, ·12, ·6, 0, +6dB and PEAK) +48V 300W 1/8 power, 540W full 2.7≤ (h) x 6.4≤ (w) x 9≤ (d) 69 mm (h) x 163 mm (d) x 228 mm (w) 4.5 lbs • 2.04 Kg  5 Hz · 54 kHz 5 Hz · 54 kHz 5 Hz · 57 kHz 0.02% -89 dBu -86 dBu -75 dB -87.5 dB -5 dB -5 dB -75 dB -7	Graphic Equalizer: Phantom power POWER AMP SECTION Maximum output power (1 kHz): Total harmonic distortion: Signal-to-noise ratio: Frequency response (± 3 dB): GENERAL Power consumption: Power requirements:  Dimensions:  Weight:  PA324 Rated Output power Frequency response  Total Harmonic Distortion  Hum & Noise (Average, RS+150Ω)	< 0.02% 7 band ±12 dB +48 V  250 W per channel into 4 Ω < 0.2% >100 dB <12 Hz to 20 kHz  1100 w  115 Vac • 50/60 Hz 230 Vac • 50 Hz 5.5" (h) x 19.35" (w) x 13.75" (d) 139 mm (h) x 349 mm (w) x 491 mm (d) 36 lbs. • 16.4 kg  150W/4Ω@0.5% THD at 1KHz per amplifier 20Hz-20KHz±0.5dB@1W Output into 8Ω (AMP OUT) 20 Hz-20KHz±0.5dB@1W Output into 10Ω (MAIN OUT, MONITOR OUT, EFX SEND) < 0.1%@20Hz-20KHz+14dB output into 10KΩ (MAIN OUT, MON OUT, EFX SEND) .121dB equivalent input noise .100dB residual output noise (MAIN OUT, MONITOR OUT, EFX SEND)

	-79dB (EFX OUT) Master level control at maxi
	mum all channel level controls at minimum
Crosstalk 1KHz	70dB adjacent input, 70dB input to output
	Input Channel Equalization
HIGH	12KHz shelving (± 15dB Maximum)
MID	2.5KHz peaking (± 12dB Maximum)
LOW	80Hz shelving (± 15dB Maximum)
Meters	7 POINT LED METERS (20, -10, -7, -4, 0, +3, +6dB)
Graphic Equalizer	7 bands (63, 160, 400, 1K, 2.5K, 6.4K, 16KHz)
Internal DSP Effects	24 BIT - 8
Dimensions	19.25" (w) x 11.25" (h x 11.4" (d)
	489mm (w) x 286mm (h) x 289mm (d)
Weight	32.3 lbs.•14.7Kg
Power Distribution & Rack Gear	
S Patch Plus	48 Channel, fully Balanced patchbay
Channel	48

S Patch Plus	48 Channel, fully Balanced patchbay
Channel	48
Switchable configuration modes	Normal, Half-normal and Thru
Dimensions	1 3/4" (h) x 19" (w) x 3" (d)
	44.45 mm (h) x 482.6 mm (w) x 76.2 (d)
Weight	3.8 lbs. • (1.72 Kg)

PowerBrite Pro7/Pro9	
N1	

Pro7:	6 switched, 1 unswitched
Pro9:	8 switched, 1 unswitched
Max. Current:	Pro7 15 Amps/Pro9 10 Amps
Input Voltage (RMS):	Pro7 130 Vac/Pro9 245 Vac
Spike Protection Mode:	Hot to Neutral, Hot to Ground,
	and Neutral to Ground
Max. Clamping Voltage (@ 50 A):	700 Vac
Response Time:	1 nanosecond
Max. Surge Current:	4,500 Amps (8 x 20 ms pulse)
Max. Spike Energy:	104 Joules
Noise Attenuation:	> 20 dB, 1.5 MHz to 200 MHz
AC Inlet:	PS9 North America/PS11 IEC
Lamp/Starter:	Fluorescent F45CW condenser type FS2
Lamp Life:	3000 hours 95 Lumens
Starter Fuse (Internal):	500 ma T type
Dimensions:	1.75" (h) x 19" (w) x 7.5" (d)
	44 (h) x 482 mm (w) x 190 (d)
Weight:	7 lbs. • 3.2 kg
Conforms:	UL/CUL/CE/LVD

#### PowerBrite PB9/PB11

Number of Outlets	
PB9:	8 switched, 1 unswitched
PB11:	10 switched, 1 unswitched
Max. Current:	PB9 15 Amps/PB11 10 Amps
Input Voltage (RMS):	PB9 130 Vac/PB11 245 Vac
Spike Protection Mode:	Hot to Neutral, Hot to Ground
	and Neutral to Ground
Max. Clamping Voltage (@ 50 A):	700 Vac
Response Time:	1 nanosecono
Max. Surge Current:	4,500 Amps (8 x 20 ms pulse
Max. Spike Energy:	104 Joules
Noise Attenuation:	> 20 dB, 1.5 MHz to 200 MHz
AC Inlet:	PS9 North America/PS11 IEC
Lamp/Starter:	Fluorescent F45CW condenser type FS2
Lamp Life:	3000 hours 95 Lumen:
Starter Fuse (Internal):	500 ma T type
Dimensions:	1.75" (h) x 19" (w) x 7.5" (d
	44 (h) x 482 mm (w) x 190 (d
Weight:	7 lbs. • 3.2 kg
Conforms:	UL/CUL/CE/LVE

#### PowerStrip PS9/PS11

Number of Outlets	
PS9:	8 switched, 1 unswitched
PS11:	10 switched, 1 unswitched
Max. Current:	PS9 15 Amps/PS11 10 Amps
Input Voltage (RMS):	PS9 130 Vac/PS11 245 Vac
Spike Protection Mode:	Hot to Neutral, Hot to Ground,
	and Neutral to Ground
Max. Clamping Voltage (@ 50 A):	700 Vac
Response Time:	1 nanosecond
Max. Surge Current:	4,500 Amps (8 x 20 ms pulse)
Max. Spike Energy:	104 Joules
Noise Attenuation:	> 20 dB, 1.5 MHz to 200 MHz
AC Inlet:	PS9 North America/PS11 IEC
Dimensions:	1.75" (h) x 19" (w) x 7.5" (d)
	44 (h) x 482 mm (w) x 190 (d)
Weight:	7 lbs. • 3.2 kg
Conforms:	UL/CUL/CE/LVD

#### Audio Equipment

Resolv 50a

Frequency Response:	
Low amp:	tbd
High amp:	tbd
Distortion THD:	tbd
Power consumption:	75 watts
Frequency response:	tbd
Driver:	5.25" Woofer Shielded
Tweeter:	1" Dome Shielded
Dimensions:	tbd
Weight:	tbd

50 watts @1K into 4ohms 25 watts @ 10K into 4ohms

75 watts @1K into 4ohms

6 1/2" Woofer Shielded

1≤ titanium compression driver

45.0 lbs • 20.4 kg

21 1/4 (h) x 14 5/8 in. (w) x 17 3/8 (d)

#### Resolv 65a Rated Output Power

Low frequency amp:

Rated Output Power

Low frequency amp:

High frequency amp:

High frequency amp:	30 watts @ 10K into 4ohms
Frequency Response:	
Low amp:	40hz-3200
High amp:	3200-50K
Distortion THD:	<.05%
Power consumption:	150 watts
Frequency response:	40 Hz to 20 kHz

Tweeter: 1" Dome Shielded Dimensions: 13 5/8"(H) x 8 1/2" (W) x 9 7/8" (D) Weight: 18 lbs. • 8.2 kg

#### Resolv 65

Driver:

Power Rating:	75 wat
Impedance:	8 ohr
Frequency response:	40 Hz to 20 kH
Driver:	6 1/2" Woofer Shielde
Tweeter:	1" Dome Shielde
Dimensions:	13 5/8"(H) x 8 1/2" (W) x 9 7/8" (E
Weight:	13.4 lbs. • 6.1 k

#### Resolv 80a Rated Output Power

Low frequency amp:	75 watts @1K into 4ohms
High frequency amp:	25 watts @ 10K into 4ohms
Frequency Response:	
Low amp:	tbd
High amp:	tbd
Distortion THD:	tbd
Power consumption:	100 watts
Frequency response:	tbd
Driver:	8" Woofer Shielded
Tweeter:	1" Dome Shielded
Resolv Sub 120	

Amp:	120watts into 4ohms
Frequency Response:	30hz-150
Distortion THD:	<.05%
Power consumption:	210 watts
Driver:	10" long stroke
Dimensions:	14 1/2" (H) x 14 1/2" (W) x 17.5" (D)
Weight:	39 lbs. • 17.75 kg

#### **Expedition Express**

Power Rating: (@ 8Ω):	250 Watts Program
Frequency Response:	60 Hz - 15 kHz ± 3 dB
Sensitivity:	97 dB SPL @ 1W/1m
Crossover Frequency:	2.3 kHz (12 dB Per Octave)
LF Driver:	12≤ heavy-duty driver ,
	2.5≤ voice coil (Kapton Former),
	50 oz. barium ferrite magnet

HF Driver:

Dimensions: EX250m and EX250e

DICIEU IVIIACI SECIIUII.	
nputs	2 Mic/Line XLR/TRS,
	1 Stereo Line w/Mic XLR
requency Response	10 Hz - 50 kHz
Crosstalk	70 dB @ 1 kHz
qualization Frequencies	100 Hz (Low), 10 kHz (High)
Effects	DSP Reverb with 6 Presets
Mounting:	Integral 1 3/8≤ Pole Mount Receptacle, Fly Points

539 mm (h) x 371 mm (w) x 441 (d) Weight: EX250e 28.5 lbs • 12.9 kg

#### EX250m XP100 Power Rating:

250 Watts Program; 400 Watts Max. Peak Frequency Response 60 Hz – 15 kHz 97 dB SPL @ 1W/1m Sensitivity Crossover Frequency 2.3 kHz (24 dB Per Octave) LF Driver 12" heavy-duty driver 2.5" voice coil (Kapton Former)

HF Driver	1" compression driver		ation			VP1	
Mounting	Integral 1 3/8" Pole Mount Receptacle, Fly Points	Enclosure		Q3		R21 Microphone same as above	
Dimensions	21 1/4" (h) x 14 5/8". (w) x 17 3/8" (d)	Construction:	3/4" plywood, carpet covered	Type:	Dynamic	Tripod Mic Stand	Heavy-duty Die Cast and Steel
	539 mm (h) x 371 mm (w) x 441 mm (d)	Finish:	Black carpet	Polar Pattern:	Hypercardioid		Non-slip Easy Grab Clutch
Weight	28.5 lbs • 12.9 kg	Corners:	Steel	Frequency Response:	50 Hz – 15 kHz		Over-sized Rubber Feet
		Casters:	Three Inch Heavy Duty	Sensitivity:	-71 dB ±3 dB		Mic Clip with Euro Adapter
XP200		Mounting:	Integral 1 3/8" (35mm) Pole Mount	Max. SPL:	137 dB	Mic Cable	
Power Rating:	160 Watts LF; 40 Watts HF		Receptacle,	Output Impedance (@ 1 kHz):	600 Ω (Lo Z)	Туре	XLR-Low Noise High Performance
Frequency Response	60 Hz – 15 kHz	Dimensions:	20" (h) x 24" (w) x 22.75" (d)	High Pass Range:	-12 dB/octave (HP switch ON)	Length	25' • 7.62 m
Sensitivity	97 dB SPL @ 1W/1m		508 mm (h) x 610 mm (w) x 578 mm (d)	Attenuation Range:	-10 dB/average (ATT switch ON)	Shipping Weight:	8.5 lbs. • 3.85 kg
Crossover Frequency	2.3 kHz (12 dB Per Octave Linkwitz-Riley Constant	Weight:	71 lbs. •	Connector:	3-pin gold-plated balanced XLR male	•	· ·
	Phase)	32.25 kg		Dimensions:	7" • 178 mm overall	QE and Qv	
LF Driver	12" heavy-duty driver			VVeight:	15.1 oz. • 431g	Generating Element:	Back electret cardioid condenser
a bivo	2.5" voice coil (Kapton Former)	Microphones		vveign.	13.1 bz. 43 tg	Polar Pattern	Back cicaret cardiola condenser
		Wild Optiones		Q7		Qv:	Lhanceardiaid
LIE D.	50 oz. barium ferrite magnet	004					Hypercardioid
HF Driver	1" compression driver	C01		Type:	Dynamic	QE (water-resistant):	Bi-directional noise cancelling,
Mounting	Integral 1 3/8" Pole Mount Receptacle, Fly Points	Frequency Response		Polar pattern:	Cardioid		pressure gradient type
Dimensions	21 1/4" (h) x 14 5/8". (w) x 17 3/8" (d)	40~18000 HZ		Connector:	3-pin gold-plated balanced XLR male	Mounting system:	Adjustable headband and gooseneck
	539 mm (h) x 371 mm (w) x 441 mm (d)	Polar pattern:	Hyper-	Dimensions:	7" • 177 mm overall	Sensitivity	
Weight	42.0 lbs • 19.0 kg	cardioid		Weight:	13 oz. • 368 g	Qv:	70 mV @ 114 dB SPL
		Element type	Back condenser type			QE:	80 mV @ 114 dB SPL
XP300		Diaphragm thickness	3 microns	Q Snare		Max.SPL:	145 dB
Power Rating:	160 Watts LF; 40 Watts HF	Sensitivity	-33 dB/Pa	Type:	Dynamic	Weight:	1.92 oz. • 54.4 grams
Frequency Response	60 Hz – 15 kHz	SPL	136 dB	Polar pattern:	Cardioid		
Sensitivity	97 dB SPL @ 1W/1m	Power supply voltage:	phantom power 36V - 52V	Connector:	3-pin gold-plated balanced XLR male	PM4 (For use with QE/QV Headset Mid	cs)
Crossover Frequency	2.3 kHz (12 dB Per Octave Linkwitz-Riley Constant	Weight	2 lbs. (30.9 kg)		, J	Connectors	,
Stossova Troquency	Phase)	Dimensions	7" (h) x 2.125" (w) x 2.125" (d)	Q Tom		Input:	TA3M Switchcraft
LF Driver	12" heavy-duty driver	5 5 5 5	180 mm (h) x 54 mm (w) x 54 mm (d)	Type:	Dynamic	Output:	XLR male
Li Dilvei		Chinaina MArinh		**		•	12 Vdc through 48 Vdc
	2.5" voice coil (Kapton Former)	Shipping Weight	2.5 lbs.(1.15 Kg)	Polar pattern:	Cardioid	Operating Voltage:	12 vac illiougii 48 vac
115.0	50 oz. barium ferrite magnet	200		Connector:	3-pin gold-plated balanced XLR male	Dimensions	
HF Driver	1" compression driver	C02				Length:	3.7" • 93.75mm
Stereo Mixer Section		Frequency Response		Q Kick		Diameter:	0.86" • 22mm
Inputs	2 Mic/Line XLR/TRS	TBD		Type:	Dynamic	Weight:	3 oz. • 85 grams
	1 Stereo Line w/Mic TRS/RCA/XLR	Polar pattern:	condenser-	Polar pattern:	Cardioid		
Outputs	+4 Balanced XLR	cardioid		Connector:	3-pin gold-plated balanced XLR male	Headphones	
Frequency Response	10 Hz - 50 kHz	Element type	condenser				
Crosstalk	70 dB @ 1 kHz			R11		RH600	
Equalization Frequencies	100 Hz (Low), 10 kHz (High)	C03		Type:	Dynamic	Driver Unit:	40mm Diaphragm Drivers with Neodymium
Effects	DSP Reverb with 6 Presets	Frequency Response		Polar Pattern:	Hypercardioid	Sirver office	Magnet
Mounting	Integral 1 3/8" Pole Mount Receptacle, Fly Points	TBD		Frequency Response:	60 Hz – 18 kHz	Frequency Unit:	20-22,000 Hz
Dimensions	21 1/4" (h) x 14 5/8". (w) x 17 3/8" (d)	Polar pattern:	Switchable cardioid, omni,	Sensitivity:	-75 dB ±3 dB	Impedance:	40ohm ± 10%
Differsions			Switchable Cardioid, Offili,			•	
	539 mm (h) x 371 mm (w) x 441 mm (d)	figure-8	0 11 100 0 1 1	Max. Input Level (1 kHz):	130 dB SPL	Sensitivity:	115dB SPL at 1kHz ± 3dB
Weight	45.0 lbs • 20.4 kg	Weight	2 lbs. (30.9 kg)	Output Impedance (@ 1 kHz):	400 ohm (Lo Z)	Input Connector:	Gold-Plated Mini Stereo Plug and 1/4"
		Dimensions	7" (h) x 2.125" (w) x 2.125" (d)	Connector:	3-pin XLR male (pin 2 hot)		Phone Adapter
dB500			180 mm (h) x 54 mm (w) x 54 mm (d)	Dimensions:	6.85" • 174 mm overall		
Power Rating:	500 Watts Program	Shipping Weight	2.5 lbs.(1.15 Kg)	Weight:	8.8 oz. • 250 g	RH300	
Frequency Response	$60 \text{ Hz} - 15 \text{ kHz} \pm 3 \text{ dB}$					Driver Unit:	40mm Diaphragm Drivers with Neodymium
Sensitivity	97 dB SPL @ 1W/1m	C05		R21			Magnet
Crossover Frequency	2.3 kHz (24 dB Per Octave)	Frequency Response		Туре	Dynamic	Frequency Unit:	20-22,000 Hz
LF Driver	15" heavy-duty driver	TBD		Frequency Response	80 Hz - 12 kHz	Impedance:	32ohm ± 10%
	2.5" voice coil (Kapton Former)	Polar pattern:	condenser-	Polar Pattern	Cardioid	Sensitivity:	106dB SPL at 1kHz ± 3dB
	50 oz. barium ferrite magnet	cardioid		Output Impedance	Rated at 500Ω	Input Connector:	Gold-Plated Mini Stereo Plug and 1,4"
HF Driver	1.75" titanium compression driver	Element type	condenser	Sensitivity	-53 dBV/pa (1.8 mv/pa)	input Connector.	Phone Adapter
		Liement type	Condenser	Connector			Filone Adapter
Mounting	Integral 1 3/8" Pole Mount Receptacle	24			3-pin gold plated balanced XLR male	PUIAGO	
	15° wedge monitor position,	Q1		Dimensions		RH100	
	30° wedge monitor position, Ten Fly Points	Type:	Condenser	Head length	2.125 in. / 53.97 mm	Driver Unit:	40mm Diaphragm Drivers with Neodymium
Dimensions	30" (h) x 19" (w) x 17" (d)	Polar pattern:					
	762 mm (h) x 483 mm (w) x 432 mm (d)		Cardioid	Main unit length	4.56 in. / 115.88 mm		Magnet
Weight		Frequency Response:	50 Hz – 20 kHz	Total length	6.85 in. / 169.8 mm	Frequency Unit:	Magnet 20-22,000 Hz
	53.4 lbs • 24.2 kg			•		Frequency Unit: Impedance:	Magnet
		Frequency Response:	50 Hz – 20 kHz	Total length	6.85 in. / 169.8 mm		Magnet 20-22,000 Hz
dB500a		Frequency Response: Sensitivity:	50 Hz – 20 kHz -68dB ±3dB	Total length	6.85 in. / 169.8 mm	Impedance:	Magnet 20-22,000 Hz 64ohm ± 10%
dB500a Active Power:		Frequency Response: Sensitivity: Max.SPL:	50 Hz − 20 kHz -68dB ±3dB 142 dB	Total length Weight	6.85 in. / 169.8 mm	Impedance: Sensitivity:	Magnet 20-22,000 Hz 640hm ± 10% 106dB SPL at 1kHz ± 3dB
	53.4 lbs • 24.2 kg	Frequency Response: Sensitivity: Max.SPL: Output Impedance (@ 1 kHz):	50 Hz – 20 kHz -68dB ±3dB 142 dB 150 <b>Ω</b>	Total length Weight R21S	6.85 in. / 169.8 mm	Impedance: Sensitivity:	Magnet 20-22,000 Hz 640hm $\pm$ 10% 106dB SPL at 1kHz $\pm$ 3dB Gold-Plated Mini Stereo Plug and $^1/4''$
Active Power:	53.4 lbs • 24.2 kg 400 Watts LF, 100 Watts HF	Frequency Response: Sensitivity: Max.SPL: Output Impedance (@ 1 kHz): Connector:	$50~Hz-20~kHz$ $-68dB~\pm3dB$ $-42~dB$ $-142~dB$ $-150~\Omega$ 3-pin gold-plated balanced XIR male	Total length Weight R21S	6.85 in. / 169.8 mm	Impedance: Sensitivity:	Magnet 20-22,000 Hz 640hm $\pm$ 10% 106dB SPL at 1kHz $\pm$ 3dB Gold-Plated Mini Stereo Plug and $^1/4''$
Active Power: Frequency Response	53.4 lbs • 24.2 kg  400 Watts LF, 100 Watts HF  60 Hz – 15 kHz ± 3 dB	Frequency Response: Sensitivity: Max.SPt: Output Impedance (@ 1 kHz): Connector: Power Requirements:	50 Hz – 20 kHz -68dB ±3dB 142 dB 150 Ω 3-pin gold-plated balanced XIR male Supply Voltage (Phantom) 11 to 52 Vdc	Total length Weight  R21S Same as above, with on/off switch	6.85 in. / 169.8 mm	Impedance: Sensitivity: Input Connector:	Magnet 20-22,000 Hz 640hm $\pm$ 10% 106dB SPL at 1kHz $\pm$ 3dB Gold-Plated Mini Stereo Plug and $^1/4''$
Active Power: Frequency Response Sensitivity	53.4 lbs • 24.2 kg  400 Watts LF, 100 Watts HF  60 Hz – 15 kHz ± 3 dB  97 dB SPL @ 1W/1m	Frequency Response: Sensitivity: Max.SPt: Output Impedance (@ 1 kHz): Connector: Power Requirements: Dimensions:	50 Hz - 20 kHz -68dB ±3dB 142 dB 150 Ω 3-pin gold-plated balanced XIR male Supply Voltage (Phantom) 11 to 52 Vdc 7"• 176 mm overall	Total length Weight  R21S Same as above, with on/off switch	6.85 in. / 169.8 mm 7 oz. / 217 g	Impedance: Sensitivity: Input Connector:  PH60	Magnet 20-22,000 Hz 640hm ± 10% 106dB SPL at 1kHz ± 3dB Gold-Plated Mini Stereo Plug and ½" Phone Adapter  34mm Mylar Drivers with An-isotropic Ferrite
Active Power: Frequency Response Sensitivity Crossover Frequency	53.4 lbs • 24.2 kg  400 Watts LF, 100 Watts HF  60 Hz – 15 kHz ± 3 dB  97 dB SPL@ 1W/1m  2.3 kHz (24 dB Per Octave)  15" heavyduly driver	Frequency Response: Sensitivity: Max.SPL: Output Impedance (@ 1 kHz): Connector: Power Requirements: Dimensions: Weight:	50 Hz - 20 kHz -68dB ±3dB 142 dB 150 Ω 3-pin gold-plated balanced XIR male Supply Voltage (Phantom) 11 to 52 Vdc 7"• 176 mm overall	Total length Weight  R21S Same as above, with on/off switch  HM40 Type: Polar pattern:	6.85 in. / 169.8 mm 7 oz. / 217 g Condenser Cardioid	Impedance: Sensitivity: Input Connector:  PH60 Driver Unit:	Magnet 20-22,000 Hz 64ohm ± 10% 106dB SPL at 1kHz ± 3dB Gold-Plated Mini Stereo Plug and ½" Phone Adapter  34mm Mylar Drivers with An-isotopic Ferrite Magnet
Active Power: Frequency Response Sensitivity Crossover Frequency	53.4 lbs • 24.2 kg  400 Watts LF, 100 Watts HF  60 Hz – 15 kHz ± 3 dB  97 dB SPL@ 1WV/1m  2.3 kHz (24 dB Per Octave)  15" heavyduty driver  2.5" voice coil (Kapton Former)	Frequency Response: Sensitivity: Max.SPL: Output Impedance (@ 1 kHz): Connector: Power Requirements: Dimensions: Weight:  Qmic	50 Hz – 20 kHz -68dB ±3dB 142 dB 150 Ω 3-pin gold-plated balanced XLR male Supply Voltage (Phantom) 11 to 52 Vdc 7" • 176 mm overall 8.5 oz • 240 g	Total length Weight  R21S Same as above, with on/off switch  HM40 Type:	6.85 in. / 169.8 mm 7 oz. / 217 g Condenser	Impedance: Sensitivity: Input Connector:  PH60 Driver Unit: Frequency Unit:	Magnet 20-22,000 Hz 640hm ± 10% 106dB SPL at 1kHz ± 3dB Gold-Plated Mini Stereo Plug and 1/4" Phone Adapter  34mm Mylar Drivers with An-isotropic Ferrite Magnet 20-18,000 Hz
Active Power: Frequency Response Sensitivity Crossover Frequency LF Driver	53.4 lbs • 24.2 kg  400 Watts LF, 100 Watts HF  60 Hz – 15 kHz ± 3 dB  97 dB SPL @ 1WV/1m  2.3 kHz (24 dB Per Octave)  15" heavy-duty driver  2.5" voice coil (Kapton Former)  50 oz. barium ferrite magnet	Frequency Response: Sensitivity: Max.SPt: Output Impedance (@ 1 kHz): Connector: Power Requirements: Dimensions: VVelght:  Omic Type:	50 Hz – 20 kHz -68dB ±3dB -142 dB -150 Ω -3-pin gold-plated balanced XIR male Supply Voltage (Phantom) 11 to 52 Vdc -7" • 176 mm overall -8.5 oz • 240 g	Total length Weight  R21S Same as above, with on/off switch  HM40 Type: Polar pattern: Connector:	6.85 in. / 169.8 mm 7 oz. / 217 g Condenser Cardioid	Impedance: Sensitivity: Input Connector:  PH60 Driver Unit: Frequency Unit: Impedance:	Magnet 20-22,000 Hz 640hm ± 10% 106dB SPL at 1kHz ± 3dB Gold-Plated Mini Stereo Plug and <sup>1</sup> / <sub>4</sub> " Phone Adapter  34mm Mylar Drivers with An-isotropic Ferrite Magnet 20-18,000 Hz 320hm ± 10%
Active Power: Frequency Response Sensitivity Crossover Frequency LF Driver  HF Driver	53.4 lbs • 24.2 kg  400 Watts LF, 100 Watts HF 60 Hz – 15 kHz ± 3 dB 97 dB SPL @ 1W/1m 2.3 kHz (24 dB Per Octave) 15" heavyduly driver 2.5" voice coil (Kapton Former) 50 oz. barfum ferile magnet 1.75" tilanium compression driver	Frequency Response: Sensitivity: Max.SPt: Output Impedance (@ 1 kHz): Connector: Power Requirements: Dimensions: Weight:  CMIC Type: Polar pattern:	50 Hz – 20 kHz -68dB ±3dB -142 dB -150 Ω -3-pin gold-plated balanced XIR male Supply Voltage (Phantom) 11 to 52 Vdc	Total length Weight  R21S Same as above, with on/off switch  HM40 Type: Polar pattern: Connector:	6.85 in. / 169.8 mm 7 oz. / 217 g Condenser Cardioid 3-pin mini-XLR	Impedance: Sensitivity: Input Connector:  PH60 Driver Unit: Frequency Unit: Impedance: Sensitivity:	Magnet 20-22,000 Hz 640hm ± 10% 106dB SPL at 1kHz ± 3dB Gold-Plated Mini Stereo Plug and 1/4" Phone Adapter  34mm Mylar Drivers with An-isotropic Ferrite Magnet 20-18,000 Hz 320hm ± 10% 101dB SPL at 1kHz ± 3dB
Active Power: Frequency Response Sensitivity Crossover Frequency LF Driver	53.4 lbs • 24.2 kg  400 Watts LF, 100 Watts HF 60 Hz – 15 kHz ± 3 dB 97 dB SPL @ 1W/1m 2.3 kHz (24 dB Per Octave) 15" heavy-duty driver 2.5" voice coil (Kapton Former) 50 oz. barium ferrile magnet 1.75" titanium compression driver Integral 1 3/8" Pole Mount Receptacle	Frequency Response: Sensitivity: Max.SPt: Output Impedance (@ 1 kHz): Connector: Power Requirements: Dimensions: Weight:  Omic Type: Polar pattern: Frequency Response:	50 Hz – 20 kHz -68dB ±3dB 142 dB 150 Ω 3-pin gold-plated balanced XIR male Supply Voltage (Phantom) 11 to 52 Vdc 7" • 176 mm overall 8.5 oz • 240 g Dynamic Hypercardioid 20 Hz – 18.5 kHz	Total length Weight  R21S Same as above, with on/off switch  HM40 Type: Polar pattern: Connector:  S11 Type:	6.85 in. / 169.8 mm 7 oz. / 217 g Condenser Cardioid 3-pin mini-XLR	Impedance: Sensitivity: Input Connector:  PH60 Driver Unit: Frequency Unit: Impedance:	Magnet 20-22,000 Hz 640hm ± 10% 106dB SPL at 1kHz ± 3dB Gold-Plated Mini Stereo Plug and ½" Phone Adapter  34mm Mylar Drivers with An-isotropic Ferrile Magnet 20-18,000 Hz 320hm ± 10% 101dB SPL at 1kHz ± 3dB Nickel-Plated Mini Stereo Plug and ½"
Active Power: Frequency Response Sensitivity Crossover Frequency LF Driver  HF Driver	53.4 lbs • 24.2 kg  400 Watts LF, 100 Watts HF  60 Hz – 15 kHz ± 3 dB  97 dB SPL@ 1VV/1m  2.3 kHz (24 dB Per Octave)  15" heavy-duly driver  2.5" voice coil (Kapton Former)  50 oz. barium ferrile magnet  1.75" tilanium compression driver  Integral 1 3/8" Pole Mount Receptacle  15" wedge monitor position,	Frequency Response: Sensitivity: Max.SPL: Output Impedance (@ 1 kHz): Connector: Power Requirements: Dimensions: Weight:  Omic Type: Polar pattern: Frequency Response: Sensitivity:	50 Hz – 20 kHz -68dB ±3dB 142 dB 150 Ω 3-pin gold-plated balanced XIR male Supply Voltage (Phantom) 11 to 52 Vdc 7" • 176 mm overall 8.5 oz • 240 g  Dynamic Hypercardioid 20 Hz – 18.5 kHz -47 dBV @ 94 dB SPL	Total length Weight  R21S Same as above, with on/off switch  HM40 Type: Polar pattern: Connector:  S11 Type: Polar pattern:	6.85 in. / 169.8 mm 7 oz. / 217 g  Condenser Cardioid 3-pin mini-XLR  Dynamic Unidirectional cardioid	Impedance: Sensitivity: Input Connector:  PH60 Driver Unit: Frequency Unit: Impedance: Sensitivity:	Magnet 20-22,000 Hz 640hm ± 10% 106dB SPL at 1kHz ± 3dB Gold-Plated Mini Stereo Plug and 1/4" Phone Adapter  34mm Mylar Drivers with An-isotropic Ferrite Magnet 20-18,000 Hz 320hm ± 10% 101dB SPL at 1kHz ± 3dB
Active Power: Frequency Response Sensitivity Crossover Frequency LF Driver HF Driver Mounting	53.4 lbs • 24.2 kg  400 Watts LF, 100 Watts HF 60 Hz – 15 kHz ± 3 dB 97 dB SPL@ 1WV/1m 2.3 kHz (24 dB Per Octave) 15" heavy-duly driver 2.5" voice coil (Kapton Former) 50 oz. barium ferrite magnet 1.75" tilanium compression driver Integral 1 3/8" Pole Mount Receptacle 15" wedge monitor position, 30" wedge monitor position,	Frequency Response: Sensitivity: Max.SPt: Output Impedance (@ 1 kHz): Connector: Power Requirements: Dimensions: Weight:  Omic Type: Polar pattern: Frequency Response: Sensitivity: Max.SPt:	50 Hz – 20 kHz -68dB ±3dB 142 dB 150 Ω 3-pin gold-plated balanced XIR male Supply Voltage (Phantom) 11 to 52 Vdc 7" • 176 mm overall 8.5 oz • 240 g  Dynamic Hypercardioid 20 Hz – 18.5 kHz -47 dBV @ 94 dB SPL 137 dB	Total length Weight  R21S Same as above, with on/off switch  HM40 Type: Polar pattern: Connector:  S11 Type: Polar pattern: Frequency response:	6.85 in. / 169.8 mm 7 oz. / 217 g  Condenser Cardioid 3-pin mini-XLR  Dynamic Unidirectional cardioid 60 Hz – 18 kHz	Impedance: Sensitivity: Input Connector:  PH60 Driver Unit: Frequency Unit: Impedance: Sensitivity: Input Connector:	Magnet 20-22,000 Hz 640hm ± 10% 106dB SPL at 1kHz ± 3dB Gold-Plated Mini Stereo Plug and 1/4" Phone Adapter  34mm Mylar Drivers with An-isotropic Ferrite Magnet 20-18,000 Hz 320hm ± 10% 101dB SPL at 1kHz ± 3dB Nickel-Plated Mini Stereo Plug and 1/4" Phone Adapter
Active Power: Frequency Response Sensitivity Crossover Frequency LF Driver  HF Driver	400 Watts LF, 100 Watts HF  60 Hz – 15 kHz ± 3 dB  97 dB SPL@ 1WV/1m  2.3 kHz (24 dB Per Octave)  15" heavyduly driver  2.5" voice coil (Kapton Former)  50 oz. barlum ferrite magnet  1.75" tilanium compression driver  Integral 1 3/8" Pole Mount Receptacle  15" wedge monitor position,  30" wedge monitor, Ten Fly Points  30" (h) x 19" (w) x 17" (d)	Frequency Response: Sensitivity: Max.SPt: Output Impedance (@ 1 kHz): Connector: Power Requirements: Dimensions: Welght:  Omic Type: Polar pattern: Frequency Response: Sensitivity: Max.SPt: Output Impedance (@ 1 kHz):	50 Hz – 20 kHz -68dB ±3dB -142 dB -150 Ω -3-pin gold-plated balanced XIR male	Total length Weight  R21S Same as above, with on/off switch  HM40 Type: Polar pattern: Connector:  S11 Type: Polar pattern: Frequency response: Sensitivity:	6.85 in. / 169.8 mm 7 oz. / 217 g  Condenser Cardioid 3-pin mini-XLR  Dynamic Unidirectional cardioid 60 Hz - 18 kHz -74 dB ±3 dB	Impedance: Sensitivity: Input Connector:  PH60 Driver Unit: Frequency Unit: Impedance: Sensitivity: Input Connector:  CH700	Magnet 20-22,000 Hz 640hm ± 10% 106dB SPL at 1kHz ± 3dB Gold-Plated Mini Stereo Plug and 1/4" Phone Adapter  34mm Mylar Drivers with An-isotropic Ferrite Magnet 20-18,000 Hz 320hm ± 10% 101dB SPL at 1kHz ± 3dB Nickel-Plated Mini Stereo Plug and 1/4" Phone Adapter  Closed back design
Active Power: Frequency Response Sensitivity Crossover Frequency LF Driver  HF Driver Mounting  Dimensions	400 Watts LF, 100 Watts HF 60 Hz – 15 kHz ± 3 dB 97 dB SPL @ 1W/1m 2.3 kHz (24 dB Per Octave) 15" heavyduly driver 2.5" voice coil (Kapton Former) 50 oz. barlum ferrile magnet 1.75" tilanium compression driver Inlegral 1 3/8" Pole Mount Receptacle 15° wedge monitor position, 30° wedge monitor position, Ten Fly Points 30" (h) x 19" (w) x 17" (d) 762 mm (h) x 483 mm (w) x 432 mm (d)	Frequency Response: Sensitivity: Max.SPt: Output Impedance (@ 1 kHz): Connector: Power Requirements: Dimensions: Weight:  Omic Type: Polar pattern: Frequency Response: Sensitivity: Max.SPt: Output Impedance (@ 1 kHz): Connector:	50 Hz - 20 kHz -68dB ±3dB 142 dB 150 Ω 3-pin gold-plated balanced XIR male Supply Voltage (Phantom) 11 to 52 Vdc 7" • 176 mm overall 8.5 oz • 240 g  Dynamic Hypercardioid 20 Hz - 18.5 kHz -47 dBV @ 94 dB SPL 137 dB 150 Ω 3-pin gold-plated balanced XIR male	Total length Weight  R21S Same as above, with on/off switch  HM40 Type: Polar pattern: Connector:  S11 Type: Polar pattern: Frequency response: Sensitivity: Max. input level (1 kHz):	6.85 in. / 169.8 mm 7 oz. / 217 g  Condenser Cardioid 3-pin mini-XLR  Dynamic Unidirectional cardioid 60 Hz – 18 kHz -74 dB ±3 dB 130 dB SPL	Impedance: Sensitivity: Input Connector:  PH60 Driver Unit: Frequency Unit: Impedance: Sensitivity: Input Connector:	Magnet 20-22,000 Hz 640hm ± 10% 106dB SPL at 1kHz ± 3dB Gold-Plated Mini Stereo Plug and ½4" Phone Adapter  34mm Mylar Drivers with An-isotropic Ferrite Magnet 20-18,000 Hz 320hm ± 10% 101dB SPL at 1kHz ± 3dB Nickel-Plated Mini Stereo Plug and ½4" Phone Adapter  Closed back design 40mm Diaphragm Drivers with Neodymium
Active Power: Frequency Response Sensitivity Crossover Frequency LF Driver HF Driver Mounting	400 Watts LF, 100 Watts HF  60 Hz – 15 kHz ± 3 dB  97 dB SPL@ 1WV/1m  2.3 kHz (24 dB Per Octave)  15" heavyduly driver  2.5" voice coil (Kapton Former)  50 oz. barlum ferrite magnet  1.75" tilanium compression driver  Integral 1 3/8" Pole Mount Receptacle  15" wedge monitor position,  30" wedge monitor, Ten Fly Points  30" (h) x 19" (w) x 17" (d)	Frequency Response: Sensitivity: Max.SPt: Output Impedance (@ 1 kHz): Connector: Power Requirements: Dimensions: Weight:  OMIC Type: Polar pattern: Frequency Response: Sensitivity: Max.SPt: Output Impedance (@ 1 kHz): Connector: Dimensions:	50 Hz – 20 kHz -68dB ±3dB 142 dB 150 Ω 3-pin gold-plated balanced XIR male Supply Voltage (Phantom) 11 to 52 Vdc 7" • 176 mm overall 8.5 oz • 240 g  Dynamic Hypercardioid 20 Hz – 18.5 kHz -47 dBV @ 94 dB SPL 137 dB 150 Ω 3-pin gold-plated balanced XIR male 6.75" • 172 mm overall	Total length Weight  R21S Same as above, with on/off switch  HM40 Type: Polar pattern: Connector:  S11 Type: Polar pattern: Frequency response: Sensitivity: Max. input level (1 kHz): Output impedance (@ 1 kHz):	6.85 in. / 169.8 mm 7 oz. / 217 g  Condenser Cardioid 3-pin mini-XLR  Dynamic Unidirectional cardioid 60 Hz – 18 kHz .74 dB ±3 dB 130 dB SPL 600 Ω ±30%	Impedance: Sensitivity: Input Connector:  PH60 Driver Unit: Frequency Unit: Impedance: Sensitivity: Input Connector:  CH700 Driver Unit:	Magnet 20-22,000 Hz 640hm ± 10% 106dB SPL at 1kHz ± 3dB Gold-Plated Mini Stereo Plug and ½" Phone Adapter  34mm Mylar Drivers with Anisotropic Ferrite Magnet 20-18,000 Hz 32ohm ± 10% 101dB SPL at 1kHz ± 3dB Nickel-Plated Mini Stereo Plug and ½" Phone Adapter  Closed back design 40mm Diaphragm Drivers with Neodymium Magnet
Active Power: Frequency Response Sensitivity Crossover Frequency LF Driver HF Driver Mounting Dimensions Weight	400 Watts LF, 100 Watts HF 60 Hz – 15 kHz ± 3 dB 97 dB SPL @ 1W/1m 2.3 kHz (24 dB Per Octave) 15" heavyduly driver 2.5" voice coil (Kapton Former) 50 oz. barlum ferrile magnet 1.75" tilanium compression driver Inlegral 1 3/8" Pole Mount Receptacle 15° wedge monitor position, 30° wedge monitor position, Ten Fly Points 30" (h) x 19" (w) x 17" (d) 762 mm (h) x 483 mm (w) x 432 mm (d)	Frequency Response: Sensitivity: Max.SPt: Output Impedance (@ 1 kHz): Connector: Power Requirements: Dimensions: Weight:  Omic Type: Polar pattern: Frequency Response: Sensitivity: Max.SPt: Output Impedance (@ 1 kHz): Connector:	50 Hz - 20 kHz -68dB ±3dB 142 dB 150 Ω 3-pin gold-plated balanced XIR male Supply Voltage (Phantom) 11 to 52 Vdc 7" • 176 mm overall 8.5 oz • 240 g  Dynamic Hypercardioid 20 Hz - 18.5 kHz -47 dBV @ 94 dB SPL 137 dB 150 Ω 3-pin gold-plated balanced XIR male	Total length Weight  R21S Same as above, with on/off switch  HM40 Type: Polar pattern: Connector:  S11 Type: Polar pattern: Frequency response: Sensitivity: Max. input level (1 kHz): Output impedance (@ 1 kHz): Connector:	6.85 in. / 169.8 mm 7 oz. / 217 g  Condenser Cardioid 3-pin mini-XLR  Dynamic Unidirectional cardioid 60 Hz - 18 kHz -74 dB ±3 dB 130 dB SPL 600 Ω ±30% 3-pin XLR male	Impedance: Sensitivity: Input Connector:  PH60 Driver Unit: Frequency Unit: Impedance: Sensitivity: Input Connector:  CH700 Driver Unit: Frequency Unit:	Magnet 20-22,000 Hz 640hm ± 10% 106dB SPL at 1kHz ± 3dB Gold-Plated Mini Stereo Plug and ½ Phone Adapter  34mm Mylar Drivers with An-isotropic Ferrile Magnet 20-18,000 Hz 320hm ± 10% 101dB SPL at 1kHz ± 3dB Nickel-Plated Mini Stereo Plug and ¼ Phone Adapter  Closed back design 40mm Diaphragm Drivers with Neodymium Magnet 20 Hz-20 kHz
Active Power: Frequency Response Sensitivity Crossover Frequency LF Driver HF Driver Mounting  Dimensions  Weight  EX500	400 Watts LF, 100 Watts HF 60 Hz – 15 kHz ± 3 dB 97 dB SPL@ 1VV/1m 2.3 kHz (24 dB Per Octave) 15" heavy-duly driver 2.5" voice coil (Kapton Former) 50 oz. barium ferrite magnet 1.75" tilanium compression driver Integral 1 3/8" Pole Mount Receptacle 15" wedge monitor position, 30" wedge monitor position, Ten Fly Points 30" (h) x 19" (w) x 17" (d) 762 mm (h) x 483 mm (w) x 432 mm (d) tbd	Frequency Response: Sensitivity: Max.SPt: Output Impedance (@ 1 kHz): Connector: Power Requirements: Dimensions: Weight:  OMIC Type: Polar pattern: Frequency Response: Sensitivity: Max.SPt: Output Impedance (@ 1 kHz): Connector: Dimensions:	50 Hz – 20 kHz -68dB ±3dB 142 dB 150 Ω 3-pin gold-plated balanced XIR male Supply Voltage (Phantom) 11 to 52 Vdc 7" • 176 mm overall 8.5 oz • 240 g  Dynamic Hypercardioid 20 Hz – 18.5 kHz -47 dBV @ 94 dB SPL 137 dB 150 Ω 3-pin gold-plated balanced XIR male 6.75" • 172 mm overall	Total length Weight  R21S Same as above, with on/off switch  HM40 Type: Polar pattern: Connector:  S11 Type: Polar pattern: Frequency response: Sensitivity: Max. input level (1 kHz): Output impedance (@ 1 kHz): Connector: Dimensions:	Condenser Cardioid 3-pin mini-XLR  Dynamic Unidirectional cardioid 60 Hz - 18 kHz -74 dB ±3 dB 130 dB SPL 600 Ω ±30% 3-pin XLR male 6.75" • 172 mm overall	Impedance: Sensitivity: Input Connector:  PH60 Driver Unit: Frequency Unit: Impedance: Sensitivity: Input Connector:  CH700 Driver Unit: Frequency Unit: Impedance: Impedance: Impedance: Impedance: Impedance: Impedance:	Magnet 20-22,000 Hz 640hm ± 10% 106dB SPL at 1kHz ± 3dB Gold-Plated Mini Stereo Plug and ½" Phone Adapter  34mm Mylar Drivers with An-isotropic Ferrite Magnet 20-18,000 Hz 320hm ± 10% 101dB SPL at 1kHz ± 3dB Nickel-Plated Mini Stereo Plug and ¼" Phone Adapter  Closed back design 40mm Diaphragm Drivers with Neodymlum Magnet 20 Hz-20 kHz 640hms
Active Power: Frequency Response Sensitivity Crossover Frequency LF Driver HF Driver Mounting Dimensions Weight	400 Watts LF, 100 Watts HF 60 Hz – 15 kHz ± 3 dB 97 dB SPL @ 1W/1m 2.3 kHz (24 dB Per Octave) 15" heavyduly driver 2.5" voice coil (Kapton Former) 50 oz. barlum ferrile magnet 1.75" tilanium compression driver Inlegral 1 3/8" Pole Mount Receptacle 15° wedge monitor position, 30° wedge monitor position, Ten Fly Points 30" (h) x 19" (w) x 17" (d) 762 mm (h) x 483 mm (w) x 432 mm (d)	Frequency Response: Sensitivity: Max.SPt: Output Impedance (@ 1 kHz): Connector: Power Requirements: Dimensions: Weight:  OMIC Type: Polar pattern: Frequency Response: Sensitivity: Max.SPt: Output Impedance (@ 1 kHz): Connector: Dimensions:	50 Hz – 20 kHz -68dB ±3dB 142 dB 150 Ω 3-pin gold-plated balanced XIR male Supply Voltage (Phantom) 11 to 52 Vdc 7" • 176 mm overall 8.5 oz • 240 g  Dynamic Hypercardioid 20 Hz – 18.5 kHz -47 dBV @ 94 dB SPL 137 dB 150 Ω 3-pin gold-plated balanced XIR male 6.75" • 172 mm overall	Total length Weight  R21S Same as above, with on/off switch  HM40 Type: Polar pattern: Connector:  S11 Type: Polar pattern: Frequency response: Sensitivity: Max. input level (1 kHz): Output impedance (@ 1 kHz): Connector:	6.85 in. / 169.8 mm 7 oz. / 217 g  Condenser Cardioid 3-pin mini-XLR  Dynamic Unidirectional cardioid 60 Hz - 18 kHz -74 dB ±3 dB 130 dB SPL 600 Ω ±30% 3-pin XLR male	Impedance: Sensitivity: Input Connector:  PH60 Driver Unit: Frequency Unit: Impedance: Sensitivity: Input Connector:  CH700 Driver Unit: Frequency Unit:	Magnet 20-22,000 Hz 640hm ± 10% 106dB SPL at 1kHz ± 3dB Gold-Plated Mini Stereo Plug and ½" Phone Adapter  34mm Mylar Drivers with An-isotropic Ferrite Magnet 20-18,000 Hz 320hm ± 10% 101dB SPL at 1kHz ± 3dB Nickel-Plated Mini Stereo Plug and ½" Phone Adapter  Closed back design 40mm Diaphragm Drivers with Neodymium Magnet 20 Hz-20 kHz
Active Power: Frequency Response Sensitivity Crossover Frequency LF Driver HF Driver Mounting  Dimensions  Weight  EX500	400 Watts LF, 100 Watts HF 60 Hz – 15 kHz ± 3 dB 97 dB SPL@ 1VV/1m 2.3 kHz (24 dB Per Octave) 15" heavy-duly driver 2.5" voice coil (Kapton Former) 50 oz. barium ferrite magnet 1.75" tilanium compression driver Integral 1 3/8" Pole Mount Receptacle 15" wedge monitor position, 30" wedge monitor position, Ten Fly Points 30" (h) x 19" (w) x 17" (d) 762 mm (h) x 483 mm (w) x 432 mm (d) tbd	Frequency Response: Sensitivity: Max.SPt: Output Impedance (@ 1 kHz): Connector: Power Requirements: Dimensions: Weight:  OMIC Type: Polar pattern: Frequency Response: Sensitivity: Max.SPt: Output Impedance (@ 1 kHz): Connector: Dimensions:	50 Hz – 20 kHz -68dB ±3dB 142 dB 150 Ω 3-pin gold-plated balanced XIR male Supply Voltage (Phantom) 11 to 52 Vdc 7" • 176 mm overall 8.5 oz • 240 g  Dynamic Hypercardioid 20 Hz – 18.5 kHz -47 dBV @ 94 dB SPL 137 dB 150 Ω 3-pin gold-plated balanced XIR male 6.75" • 172 mm overall	Total length Weight  R21S Same as above, with on/off switch  HM40 Type: Polar pattern: Connector:  S11 Type: Polar pattern: Frequency response: Sensitivity: Max. input level (1 kHz): Output impedance (@ 1 kHz): Connector: Dimensions:	Condenser Cardioid 3-pin mini-XLR  Dynamic Unidirectional cardioid 60 Hz - 18 kHz -74 dB ±3 dB 130 dB SPL 600 Ω ±30% 3-pin XLR male 6.75" • 172 mm overall	Impedance: Sensitivity: Input Connector:  PH60 Driver Unit: Frequency Unit: Impedance: Sensitivity: Input Connector:  CH700 Driver Unit: Frequency Unit: Impedance: Impedance: Impedance: Impedance: Impedance: Impedance:	Magnet 20-22,000 Hz 640hm ± 10% 106dB SPL at 1kHz ± 3dB Gold-Plated Mini Stereo Plug and ½4" Phone Adapter  34mm Mylar Drivers with An-isotropic Ferrite Magnet 20-18,000 Hz 320hm ± 10% 101dB SPL at 1kHz ± 3dB Nickel-Plated Mini Stereo Plug and ¼4" Phone Adapter  Closed back design 40mm Diaphragm Drivers with Neodymium Magnet 20 Hz-20 kHz 640hms
Active Power: Frequency Response Sensitivity Crossover Frequency LF Driver HF Driver Mounting  Dimensions  Weight  EX500 Transducer:	400 Watts LF, 100 Watts HF  60 Hz – 15 kHz ± 3 dB  97 dB SPL@ 1WV/1m  2.3 kHz (24 dB Per Octave)  15" heavy-duly driver  2.5" voice coil (Kapton Former)  50 oz. barium ferrite magnet  1.75" tilanium compression driver Integral 1 3/8" Pole Mount Receptacle  15" wedge monitor position,  30" wedge monitor position, Ten Fly Points  30" (h) x 19" (w) x 17" (d)  762 mm (h) x 483 mm (w) x 432 mm (d)  tbd	Frequency Response: Sensitivity: Max.SPt: Output Impedance (@ 1 kHz): Connector: Power Requirements: Dimensions: Weight:  Omic Type: Polar pattern: Frequency Response: Sensitivity: Max.SPt: Output Impedance (@ 1 kHz): Connector: Dimensions: Weight:	50 Hz – 20 kHz -68dB ±3dB 142 dB 150 Ω 3-pin gold-plated balanced XIR male Supply Voltage (Phantom) 11 to 52 Vdc 7" • 176 mm overall 8.5 oz • 240 g  Dynamic Hypercardioid 20 Hz – 18.5 kHz -47 dBV @ 94 dB SPL 137 dB 150 Ω 3-pin gold-plated balanced XIR male 6.75" • 172 mm overall	Total length Weight  R21S Same as above, with on/off switch  HM40 Type: Polar pattern: Connector:  S11 Type: Polar pattern: Frequency response: Sensitivity: Max. input level (1 kHz): Output impedance (@ 1 kHz): Connector: Dimensions:	Condenser Cardioid 3-pin mini-XLR  Dynamic Unidirectional cardioid 60 Hz - 18 kHz -74 dB ±3 dB 130 dB SPL 600 Ω ±30% 3-pin XLR male 6.75" • 172 mm overall	Impedance: Sensitivity: Input Connector:  PH60 Driver Unit: Frequency Unit: Impedance: Sensitivity: Input Connector:  CH700 Driver Unit: Frequency Unit: Impedance: Sensitivity: Sensitivity: Sensitivity: Sensitivity: Sensitivity: Sensitivity: Sensitivity: Sensitivity:	Magnet 20-22,000 Hz 640hm ± 10% 106dB SPL at 1kHz ± 3dB Gold-Plated Mini Stereo Plug and 1/4" Phone Adapter  34mm Mylar Drivers with Anisotropic Ferrite Magnet 20-18,000 Hz 320hm ± 10% 101dB SPL at 1kHz ± 3dB Nickel-Plated Mini Stereo Plug and 1/4" Phone Adapter  Closed back design 40mm Diaphragm Drivers with Neodymium Magnet 20 Hz-20 kHz 640hms 108 dB S.P.L. @ 1 kHz ± 3dB
Active Power: Frequency Response Sensitivity Crossover Frequency LF Driver  HF Driver Mounting  Dimensions  Weight  EX500 Transducer: Amplifier: Power Rating:	400 Watts LF, 100 Watts HF 60 Hz – 15 kHz ± 3 dB 97 dB SPL @ 1W/1m 2.3 kHz (24 dB Per Octave) 15" heavy-duly driver 2.5" voice coil (kapton Former) 50 oz. barlum ferrile magnet 1.75" tilanium compression driver Inlegral 1 3/8" Pole Mount Receptacle 15° wedge monitor position, 30° wedge monitor position, Ten Fly Points 30" (h) x 19" (w) x 17" (d) 762 mm (h) x 483 mm (w) x 432 mm (d) tbd	Frequency Response: Sensitivity: Max.SPt: Output Impedance (@ 1 kHz): Connector: Power Requirements: Dimensions: Weight:  CMIC Type: Polar pattern: Frequency Response: Sensitivity: Max.SPt: Output Impedance (@ 1 kHz): Connector: Dimensions: Weight:	50 Hz - 20 kHz -68dB ±3dB -142 dB -150 Ω 3-pin gold-plated balanced XIR male Supply Voltage (Phantom) 11 to 52 Vdc 7" • 176 mm overall -8.5 oz • 240 g  Dynamic	Total length Weight  R21S Same as above, with on/off switch  HM40 Type: Polar pattern: Connector:  S11 Type: Polar pattern: Frequency response: Sensitivity: Max. input level (1 kHz): Output impedance (@ 1 kHz): Connector: Dimensions: Weight:	Condenser Cardioid 3-pin mini-XLR  Dynamic Unidirectional cardioid 60 Hz - 18 kHz -74 dB ±3 dB 130 dB SPL 600 Ω ±30% 3-pin XLR male 6.75" • 172 mm overall	Impedance: Sensitivity: Input Connector:  PH60 Driver Unit: Frequency Unit: Impedance: Sensitivity: Input Connector:  CH700 Driver Unit: Frequency Unit: Impedance: Sensitivity: Sensitivity: Sensitivity: Sensitivity: Sensitivity: Sensitivity: Sensitivity: Sensitivity:	Magnet 20-22,000 Hz 640hm ± 10% 106dB SPL at 1kHz ± 3dB Gold-Plated Mini Stereo Plug and <sup>1</sup> / <sub>4</sub> " Phone Adapter  34mm Mylar Drivers with Anisotropic Ferrite Magnet 20-18,000 Hz 320hm ± 10% 101dB SPL at 1kHz ± 3dB Nickel-Plated Mini Stereo Plug and <sup>1</sup> / <sub>4</sub> " Phone Adapter  Closed back design 40mm Diaphragm Drivers with Neodymlum Magnet 20 Hz-20 kHz 640hms 108 dB S.P.L. @ 1 kHz ± 3dB Gold-Plated Mini Stereo Plug and <sup>1</sup> / <sub>4</sub> "
Active Power: Frequency Response Sensitivity Crossover Frequency LF Driver  HF Driver Mounting  Dimensions  Weight  EX500 Transducer: Amplifier: Power Rating: Frequency response	400 Watts LF, 100 Watts HF 60 Hz – 15 kHz ± 3 dB 97 dB SPL @ 1W/1m 2.3 kHz (24 dB Per Octave) 15" heavy-duty driver 2.5" voice coil (kapton Former) 50 oz. barium ferile magnet 1.75" tiltanium compression driver Integral 1 3/8" Pole Mount Receptacle 15" wedge monitor position, 30" wedge monitor position, Ten Fly Points 30" (h) x 19" (w) x 17" (d) 762 mm (h) x 483 mm (w) x 432 mm (d) tbd  15" Heavy Duty Driver, 3" voice coil, aluminum former High-efficiency tracking converter 500 Watts RMS	Frequency Response: Sensitivity: Max.SPt: Output Impedance (@ 1 kHz): Connector: Power Requirements: Dimensions: Weight:  OMIC Type: Polar pattern: Frequency Response: Sensitivity: Max.SPt: Output Impedance (@ 1 kHz): Connector: Dimensions: Weight:	50 Hz – 20 kHz -68dB ±3dB 142 dB 150 Ω 3-pin gold-plated balanced XIR male Supply Voltage (Phantom) 11 to 52 Vdc 7" • 176 mm overall 8.5 oz • 240 g  Dynamic Hypercardioid 20 Hz – 18.5 kHz -47 dBV @ 94 dB SPL 137 dB 150 Ω 3-pin gold-plated balanced XIR male 6.75" • 172 mm overall 8.7 oz. • 250 g	Total length Weight  R21S Same as above, with on/off switch  HM40 Type: Polar pattern: Connector:  \$11 Type: Polar pattern: Frequency response: Sensitivity: Max. input level (1 kHz): Counector: Dimensions: Weight:	Condenser Cardioid 3-pin mini-XLR  Dynamic Unidirectional cardioid 60 Hz – 18 kHz -74 dB ±3 dB 130 dB SPL 600 Ω ±30% 3-pin XLR male 6.75" • 172 mm overall 8.7 oz. • 250 g	Impedance: Sensitivity: Input Connector:  PH60 Driver Unit: Frequency Unit: Impedance: Sensitivity: Input Connector:  CH700 Driver Unit: Frequency Unit: Impedance: Sensitivity: Sensitivity: Sensitivity: Sensitivity: Sensitivity: Sensitivity: Sensitivity: Sensitivity:	Magnet 20-22,000 Hz 64chm ± 10% 106dB SPL at 1kHz ± 3dB Gold-Plated Mini Stereo Plug and ½" Phone Adapter  34mm Mylar Drivers with Anisotropic Ferrite Magnet 20-18,000 Hz 32chm ± 10% 101dB SPL at 1kHz ± 3dB Nickel-Plated Mini Stereo Plug and ¼" Phone Adapter  Closed back design 40mm Diaphragm Drivers with Necodymium Magnet 20 Hz-20 kHz 64chms 108 dB S.P.L. @ 1 kHz ± 3dB Gold-Plated Mini Stereo Plug and ¼" Phone Adapter
Active Power: Frequency Response Sensitivity Crossover Frequency LF Driver  HF Driver Mounting  Dimensions  Weight  EX500 Transducer: Ampliffer: Power Rating: Frequency response Sensitivity:	400 Watts LF, 100 Watts HF  60 Hz – 15 kHz ± 3 dB  97 dB SPL@ 1WV/1m  2.3 kHz (24 dB Per Octave)  15" heavy-duly driver  2.5" voice coil (Kapton Former)  50 oz. barium ferrile magnet  1.75" tilanium compression driver Integral 1 3/8" Pole Mount Receptacle  15" wedge monitor position, Ten Fly Points  30" (h) x 19" (w) x 17" (d)  762 mm (h) x 483 mm (w) x 432 mm (d)  tbd  15" Heavy Duty Driver, 3" voice coil, aluminum former High-efficiency tracking converter  500 Watts RMS  30Hz-300Hz+/-3 dB  94dB SPL@ 1 WV/1m	Frequency Response: Sensitivity: Max.SPt: Output Impedance (@ 1 kHz): Connector: Power Requirements: Dimensions: Weight:  Comec Type: Polar pattern: Frequency Response: Sensitivity: Max.SPt: Output Impedance (@ 1 kHz): Connector: Dimensions: Weight:  C2 Type: Polar Pattern: Frequency Response:	50 Hz – 20 kHz -68dB ±3dB 142 dB 150 Ω 3-pin gold-plated balanced XIR male Supply Voltage (Phantom) 11 to 52 Vdc 7" • 176 mm overall 8.5 oz • 240 g  Dynamic Hypercardioid 20 Hz – 18.5 kHz -47 dBV @ 94 dB SPL 137 dB 150 Ω 3-pin gold-plated balanced XIR male 6.75" • 172 mm overall 8.7 oz. • 250 g  Dynamic Cardioid 50 Hz – 15 kHz	Total length Weight  R21S Same as above, with on/off switch  HM40 Type: Polar pattern: Connector:  \$11 Type: Polar pattern: Frequency response: Sensitivity: Max. input level (1 kHz): Output impedance (@ 1 kHz): Connector: Dimensions: Weight:  \$12 Type: Polar Pattern:	Condenser Cardioid 3-pin mini-XLR  Dynamic Unidirectional cardioid 60 Hz - 18 kHz -74 dB ±3 dB 130 dB SPL 600 Ω ±30% 3-pin XLR male 6.75" • 172 mm overall 8.7 oz. • 250 g  Dynamic Hypercardioid	Impedance: Sensitivity: Input Connector:  PH60 Driver Unit: Frequency Unit: Impedance: Sensitivity: Input Connector:  CH700 Driver Unit: Impedance: Sensitivity: Impedance: Sensitivity: Input Connector:	Magnet 20-22,000 Hz 640hm ± 10% 106dB SPL at 1kHz ± 3dB Gold-Plated Mini Stereo Plug and 1/4" Phone Adapter  34mm Mylar Drivers with An-isotropic Ferrite Magnet 20-18,000 Hz 320hm ± 10% 101dB SPL at 1kHz ± 3dB Nickel-Plated Mini Stereo Plug and 1/4" Phone Adapter  Closed back design 40mm Diaphragm Drivers with Neodymium Magnet 20 Hz-20 kHz 640hms 108 dB S.P.L. @ 1 kHz ± 3dB Gold-Plated Mini Stereo Plug and 1/4" Phone Adapter
Active Power: Frequency Response Sensitivity Crossover Frequency LF Driver HF Driver Mounting  Dimensions  Weight  EX500 Transducer: Amplifier: Power Rating: Frequency response Sensitivity: Input	400 Watts LF, 100 Watts HF 60 Hz – 15 kHz ± 3 dB 97 dB SPL @ 1W/1m 2.3 kHz (24 dB Per Octave) 15" heavyduty driver 2.5" voice coil (Kapton Former) 50 oz. barium ferrite magnet 1.75" titanium compression driver Integral 1 3/8" Pole Mount Receptacle 15" wedge monitor position, 30" wedge monitor position, Ten Fly Points 30" (h) x 19" (w) x 17" (d) 762 mm (h) x 483 mm (w) x 432 mm (d) tbd  15" Heavy Duty Driver, 3" voice coil, aluminum former Highefficiency tracking converter 500 Watts RMS 30Hz 300Hz+/-3 dB 94dB SPL @ 1 W/1m Balanced	Frequency Response: Sensitivity: Max.SPt: Output Impedance (@ 1 kHz): Connector: Power Requirements: Dimensions: Weight:  CMIC Type: Polar pattern: Frequency Response: Sensitivity: Max.SPt: Output Impedance (@ 1 kHz): Connector: Dimensions: Weight:	50 Hz – 20 kHz -68dB ±3dB 142 dB 150 Ω 3-pin gold-plated balanced XIR male Supply Voltage (Phantom) 11 to 52 Vdc 7" • 176 mm overall 8.5 oz • 240 g  Dynamic Hypercardioid 20 Hz – 18.5 kHz -47 dBV @ 94 dB SPL 137 dB 150 Ω 3-pin gold-plated balanced XIR male 6.75" • 172 mm overall 8.7 oz. • 250 g  Dynamic Cardioid 50 Hz – 15 kHz -71 dB ±3 dB	Total length Weight  R21S Same as above, with on/off switch  HM40 Type: Polar pattern: Connector:  S11 Type: Polar pattern: Frequency response: Sensitivity: Max. input level (1 kHz): Cutput Impedance (@ 1 kHz): Connector: Dimensions: Weight:  S12 Type: Polar Pattern: Frequency Response:	Condenser Cardioid 3-pin mini-XLR  Dynamic Unidirectional cardioid 60 Hz - 18 kHz -74 dB ±3 dB 130 dB SPL 600 Ω ±30% 3-pin XLR male 6.75° • 172 mm overall 8.7 oz. • 250 g  Dynamic Hypercardioid 60 Hz - 18 kHz	Impedance: Sensitivity: Input Connector:  PH60 Driver Unit: Frequency Unit: Impedance: Sensitivity: Input Connector:  CH700 Driver Unit: Frequency Unit: Impedance: Sensitivity: Input Connector:	Magnet 20-22,000 Hz 640hm ± 10% 106dB SPL at 1kHz ± 3dB Gold-Plated Mini Stereo Plug and 1/4" Phone Adapter  34mm Mylar Drivers with Anisotropic Ferrite Magnet 20-18,000 Hz 320hm ± 10% 101dB SPL at 1kHz ± 3dB Nickel-Plated Mini Stereo Plug and 1/4" Phone Adapter  Closed back design 40mm Diaphragm Drivers with Neodymium Magnet 20 Hz-20 kHz 640hms 108 dB S.P.L. @ 1 kHz ± 3dB Gold-Plated Mini Stereo Plug and 1/4" Phone Adapter  Closed back design 40mm Diaphragm Drivers with Neodymium Closed back design
Active Power: Frequency Response Sensitivity Crossover Frequency LF Driver  HF Driver Mounting  Dimensions  Weight  EX500 Transducer: Amplifier: Power Rating: Frequency response Sensitivity: Input Connector:	400 Watts LF, 100 Watts HF 60 Hz – 15 kHz ± 3 dB 97 dB SPL @ 1W/1m 2.3 kHz (24 dB Per Octave) 15" heavyduly driver 2.5" voice coil (kapton Former) 50 oz. barlum ferile magnet 1.75" tilanium compression driver Inlegral 1 3/8" Pole Mount Receptacle 15° wedge monitor position, Ten Fly Points 30" (h) x 19" (w) x 17" (d) 762 mm (h) x 483 mm (w) x 432 mm (d) tbd  15" Heavy Duty Driver, 3" voice coil, aluminum former High-efficiency tracking converter 500 Watts RMS 30Hz-300Hz+/-3 dB 94dB SPL @ 1 W/1m Balanced XLR - FEMALE	Frequency Response: Sensitivity: Max.SPt: Output Impedance (@ 1 kHz): Connector: Power Requirements: Dimensions: Weight:  CMIC Type: Polar pattern: Frequency Response: Sensitivity: Max.SPt: Output Impedance (@ 1 kHz): Connector: Dimensions: Weight:  C2 Type: Polar Pattern: Frequency Response: Sensitivity: Max.SPt: Output Impedance (@ 1 kHz): Connector: Dimensions: Weight:	50 Hz – 20 kHz -68dB ±3dB 142 dB 150 Ω 3-pin gold-plated balanced XIR male Supply Voltage (Phantom) 11 to 52 Vdc 7" • 176 mm overall 8.5 oz • 240 g  Dynamic Hypercardioid 20 Hz – 18.5 kHz -47 dBV @ 94 dB SPL 137 dB 150 Ω 3-pin gold-plated balanced XIR male 6.75" • 172 mm overall 8.7 oz. • 250 g  Dynamic Cardioid 50 Hz – 15 kHz -71 dB ±3 dB 137 dB	Total length Weight  R21S Same as above, with on/off switch  HM40 Type: Polar pattern: Connector:  S11 Type: Polar pattern: Frequency response: Sensitivity: Max. input level (1 kHz): Coutput impedance (@ 1 kHz): Connector: Dimensions: Weight:  S12 Type: Polar Pattern: Frequency Response: Sensitivity:	Condenser Cardioid 3-pin mini-XLR  Dynamic Unidirectional cardioid 60 Hz – 18 kHz -74 dB ±3 dB 130 dB SPL 600 Ω ±30% 3-pin XLR male 6.75" • 172 mm overall 8.7 oz. • 250 g  Dynamic Hypercardioid 60 Hz – 18 kHz	Impedance: Sensitivity: Input Connector:  PH60 Driver Unit: Frequency Unit: Impedance: Sensitivity: Input Connector:  CH700 Driver Unit: Frequency Unit: Impedance: Sensitivity: Input Connector:  CH700 Driver Unit: Impedance: Sensitivity: Input Connector:	Magnet 20-22,000 Hz 640hm ± 10% 106dB SPL at 1kHz ± 3dB Gold-Plated Mini Stereo Plug and 1/4" Phone Adapter  34mm Mylar Drivers with Anisotropic Ferrite Magnet 20-18,000 Hz 320hm ± 10% 101dB SPL at 1kHz ± 3dB Nickel-Plated Mini Stereo Plug and 1/4" Phone Adapter  Closed back design 40mm Diaphragm Drivers with Neodymium Magnet 20 Hz-20 kHz 640hms 108 dB S.PL. @ 1 kHz ± 3dB Gold-Plated Mini Stereo Plug and 1/4" Phone Adapter  Closed back design
Active Power: Frequency Response Sensitivity Crossover Frequency LF Driver HF Driver Mounting  Dimensions  Weight  EX500 Transducer: Amplifier: Power Rating: Frequency response Sensitivity: Input	400 Watts LF, 100 Watts HF 60 Hz – 15 kHz ± 3 dB 97 dB SPL @ 1W/1m 2.3 kHz (24 dB Per Octave) 15" heavy-duty driver 2.5" voice coil (kapton Former) 50 oz. barium ferrile magnet 1.75" tilanium compression driver Integral 1 3/8" Pole Mount Receptacle 15" wedge monitor position, 30" wedge monitor position, Ten Fly Points 30" (h) x 19" (w) x 17" (d) 762 mm (h) x 483 mm (w) x 432 mm (d) tbd  15" Heavy Duty Driver, 3" voice coil, aluminum former High-efficiency tracking converter 500 Watts RMS 30Hz. 300Hz+/-3 dB 94dB SPL @ 1 W/1m Balanced XLR - FEMALE Balanced, high-passed tracking low frequency	Frequency Response: Sensitivity: Max.SPt: Output Impedance (@ 1 kHz): Connector: Power Requirements: Dimensions: Weight:  CMIC Type: Polar pattern: Frequency Response: Sensitivity: Max.SPt: Output Impedance (@ 1 kHz): Connector: Dimensions: Weight:  C2 Type: Polar Pattern: Frequency Response: Sensitivity: Max.SPt: Output Impedance (@ 1 kHz): Connector: Dimensions: Weight:	50 Hz – 20 kHz -68dB ±3dB 142 dB 150 Ω 3-pin gold-plated balanced XIR male Supply Voltage (Phantom) 11 to 52 Vdc 7" • 176 mm overall 8.5 oz • 240 g  Dynamic Hypercardioid 20 Hz – 18.5 kHz -47 dBV @ 94 dB SPL 137 dB 150 Ω 3-pin gold-plated balanced XIR male 6.75" • 172 mm overall 8.7 oz. • 250 g  Dynamic Cardioid 50 Hz – 15 kHz -71 dB ±3 dB 137 dB 137 dB	Total length Weight  R21S Same as above, with on/off switch  HM40 Type: Polar pattern: Connector:  S11 Type: Polar pattern: Frequency response: Sensitivity: Max. input level (1 kHz): Counector: Dimensions: Weight:  S12 Type: Polar Pattern: Frequency Response: Sensitivity: Max. Input Level (1 kHz):	Condenser Cardioid 3-pin mini-XLR  Dynamic Unidirectional cardioid 60 Hz – 18 kHz -74 dB ±3 dB 130 dB SPL 600 Ω ±30% 3-pin XLR male 6.75" • 172 mm overall 8.7 oz. • 250 g  Dynamic Hypercardioid 60 Hz – 18 kHz -70 dB ±3 dB	Impedance: Sensitivity: Input Connector:  PH60 Driver Unit: Frequency Unit: Impedance: Sensitivity: Input Connector:  CH700 Driver Unit: Frequency Unit: Impedance: Sensitivity: Input Connector:  CH700 Driver Unit: Frequency Unit: Frequency Unit: Frequency Unit: Frequency Unit: Frequency Unit:	Magnet 20-22,000 Hz 640hm ± 10% 106dB SPL at 1kHz ± 3dB Gold-Plated Mini Stereo Plug and 1/4" Phone Adapter  34mm Mylar Drivers with An-isotropic Ferrite Magnet 20-18,000 Hz 320hm ± 10% 101dB SPL at 1kHz ± 3dB Nickel-Plated Mini Stereo Plug and 1/4" Phone Adapter  Closed back design 40mm Diaphragm Drivers with Neodymium Magnet 20 Hz-20 kHz 640hms 108 dB S.P.L. @ 1 kHz ± 3dB Gold-Plated Mini Stereo Plug and 1/4" Phone Adapter  Closed back design 40mm Diaphragm Drivers with Neodymium Magnet 20 Hz-20 kHz 640hms 108 dB S.P.L. @ 1 kHz ± 3dB Gold-Plated Mini Stereo Plug and 1/4" Phone Adapter
Active Power: Frequency Response Sensitivity Crossover Frequency LF Driver  HF Driver Mounting  Dimensions  Weight  EX500 Transducer: Amplifier: Power Rating: Frequency response Sensitivity: Input Connector: Output	400 Watts LF, 100 Watts HF  60 Hz – 15 kHz ± 3 dB  97 dB SPL @ 1W/1m  2.3 kHz (24 dB Per Octave)  15" heavyduly driver  2.5" voice coil (Kapton Former)  50 oz. barium ferrile magnet  1.75" litanium compression driver  Inlegral 1 3/8" Pole Mount Receptacle  15" wedge monitor position,  30" wedge monitor position, Ten Fly Points  30" (h) x 19" (w) x 17" (d)  762 mm (h) x 483 mm (w) x 432 mm (d)  tbd  15" Heavy Duty Driver, 3" voice coil, aluminum former  High-efficiency tracking converter  500 Watts RMS  30Hz-300Hz+/-3 dB  94dB SPL @ 1 W/1m  Balanced  XIR - FEMALE  Balanced, high-passed tracking low frequency crossover point	Frequency Response: Sensitivity: Max.SPt: Output Impedance (@ 1 kHz): Connector: Power Requirements: Dimensions: Weight:  OMIC Type: Polar pattern: Frequency Response: Sensitivity: Max.SPt: Output Impedance (@ 1 kHz): Connector: Dimensions: Weight:  O2 Type: Polar Pattern: Frequency Response: Sensitivity: Max.SPt: Output Impedance (@ 1 kHz): Connector: Dimensions: Weight:	50 Hz – 20 kHz -68dB ±3dB 142 dB 150 Ω 3-pin gold-plated balanced XIR male Supply Voltage (Phantom) 11 to 52 Vdc 7" • 176 mm overall 8.5 oz • 240 g  Dynamic Hypercardioid 20 Hz – 18.5 kHz -47 dBV @ 94 dB SPL 137 dB 150 Ω 3-pin gold-plated balanced XIR male 6.75" • 172 mm overall 8.7 oz. • 250 g  Dynamic Cardioid 50 Hz – 15 kHz -71 dB ±3 dB 137 dB 137 dB 600 Ω (to Z) -12 dB/octave (HP switch ON)	Total length Weight  R21S Same as above, with on/off switch  HM40 Type: Polar pattern: Connector:  S11 Type: Polar pattern: Frequency response: Sensitivity: Max. input level (1 kHz): Counector: Dimensions: Weight:  S12 Type: Polar Pattern: Frequency Response: Sensitivity: Max. Input Level (1 kHz): Connector: Dimensions: Weight:	Condenser Cardioid 3-pin mini-XLR  Dynamic Unidirectional cardioid 60 Hz – 18 kHz .74 dB ±3 dB 130 dB SPL 600 Ω ±30% 3-pin XLR male 6.75" • 172 mm overall 8.7 oz. • 250 g  Dynamic Hypercardioid 60 Hz – 18 kHz .70 dB ±3 dB 130 dB SPL	Impedance: Sensitivity: Input Connector:  PH60 Driver Unit: Frequency Unit: Impedance: Sensitivity: Input Connector:  CH700 Driver Unit: Impedance: Sensitivity: Input Connector:  CH700 Driver Unit: Impedance: Sensitivity: Input Connector:	Magnet 20-22,000 Hz 640hm ± 10% 106dB SPL at 1kHz ± 3dB Gold-Plated Mini Stereo Plug and ½4" Phone Adapter  34mm Mylar Drivers with Anisotropic Ferrite Magnet 20-18,000 Hz 32ohm ± 10% 101dB SPL at 1kHz ± 3dB Nickel-Plated Mini Stereo Plug and ¼4" Phone Adapter  Closed back design 40mm Diaphragm Drivers with Neodymium Magnet 20 Hz-20 kHz 64ohms 108 dB S.P.L. @ 1 kHz ± 3dB Gold-Plated Mini Stereo Plug and ¼4" Phone Adapter  Closed back design 40mm Diaphragm Drivers with Neodymium Closed back design 40mm Diaphragm Drivers with Neodymium Magnet 20 Hz-20 kHz 21 Closed back design 40mm Diaphragm Drivers with Neodymium Magnet 420 Hz-20 kHz 320hms
Active Power: Frequency Response Sensitivity Crossover Frequency LF Driver  HF Driver Mounting  Dimensions  Weight  EX500 Transducer: Amplifier: Power Rating: Frequency response Sensitivity: Input Connector: Output  Connector:	400 Watts LF, 100 Watts HF  60 Hz – 15 kHz ± 3 dB  97 dB SPL@1W/1m  2.3 kHz (24 dB Per Octave)  15" heavyduly driver  2.5" voice coil (Kapton Former)  50 oz. barium ferrite magnet  1.75" titanium compression driver Integral 1 3/8" Pole Mount Receptacle  15" wedge monitor position, Ten Fly Points  30" (h) x 19" (w) x 17" (d)  762 mm (h) x 483 mm (w) x 432 mm (d)  tbd  15" Heavy Duty Driver, 3" voice coil, aluminum former  High-efficiency tracking converter  500 Watts RMS  30Hz-300Hz+/-3 dB  94dB SPL@1 W/1m  Balanced  XLR - FEMALE  Balanced, high-passed tracking low frequency  crossover point  XLR - MALE	Frequency Response: Sensitivity: Max.SPt: Output Impedance (@ 1 kHz): Connector: Power Requirements: Dimensions: Weight:  OMIC Type: Polar pattern: Frequency Response: Sensitivity: Max.SPt: Output Impedance (@ 1 kHz): Connector: Dimensions: Weight:  O2 Type: Polar Pattern: Frequency Response: Sensitivity: Max.SPt: Output Impedance (@ 1 kHz): Connector: Dimensions: Weight:	50 Hz – 20 kHz -68dB ±3dB 142 dB 150 Ω 3-pin gold-plated balanced XIR male Supply Voltage (Phantom) 11 to 52 Vdc 7" • 176 mm overall 8.5 oz • 240 g  Dynamic Hypercardioid 20 Hz – 18.5 kHz -47 dBV @ 94 dB SPl 137 dB 150 Ω 3-pin gold-plated balanced XIR male 6.75" • 172 mm overall 8.7 oz. • 250 g  Dynamic Cardioid 50 Hz – 15 kHz -71 dB ±3 dB 137 dB 137 dB 600 Ω (to Z) -12 dB/octave (HP switch ON)	Total length Weight  R21S Same as above, with on/off switch  HM40 Type: Polar pattern: Connector:  \$11 Type: Polar pattern: Frequency response: Sensitivity: Max. input level (1 kHz): Coutput impedance (@ 1 kHz): Connector: Dimensions: Weight:  \$12 Type: Polar Pattern: Frequency Response: Sensitivity: Max. Input Level (1 kHz): Coutput impedance (@ 1 kHz): Connector: Dimensions: Weight:	Condenser Cardioid 3-pin mini-XLR  Dynamic Unidirectional cardioid 60 Hz - 18 kHz -74 dB ±3 dB 130 dB SPL 600 Ω ±30% 3-pin XLR male 6.75" • 172 mm overall 8.7 oz. • 250 g  Dynamic Hypercardioid 60 Hz - 18 kHz -70 dB ±3 dB 130 dB SPL 600 Ω ±30% 3-pin XLR male	Impedance: Sensitivity: Input Connector:  PH60 Driver Unit: Frequency Unit: Impedance: Sensitivity: Input Connector:  CH700 Driver Unit: Impedance: Sensitivity: Input Connector:  CH700 Driver Unit: Impedance: Sensitivity: Input Connector:	Magnet 20-22,000 Hz 640hm ± 10% 106dB SPL at 1kHz ± 3dB Gold-Plated Mini Stereo Plug and ¹/4" Phone Adapter  34mm Mylar Drivers with Anisotropic Ferrite Magnet 20-18,000 Hz 320hm ± 10% 101dB SPL at 1kHz ± 3dB Nickel-Plated Mini Stereo Plug and ¹/4" Phone Adapter  Closed back design 40mm Diaphragm Drivers with Neodymlum Magnet 20 Hz-20 kHz 640hms 108 dB S.PL. @ 1 kHz ± 3dB Gold-Plated Mini Stereo Plug and ¹/4" Phone Adapter  Closed back design 40mm Diaphragm Drivers with Neodymlum Magnet 20 Hz-20 kHz 640hms 108 dB S.PL. @ 1 kHz ± 3dB Gold-Plated Mini Stereo Plug and ¹/4" Phone Adapter  Closed back design 40mm Diaphragm Drivers with Neodymlum Magnet 20 Hz-20 kHz 320hms 103 dB S.PL. @ 1 kHz ± 3dB
Active Power: Frequency Response Sensitivity Crossover Frequency LF Driver  HF Driver Mounting  Dimensions  Weight  EX500 Transducer: Amplifier: Power Raiting: Frequency response Sensitivity: Input Connector: Output  Connector: Crossover Frequency:	400 Watts LF, 100 Watts HF  60 Hz – 15 kHz ± 3 dB  97 dB SPL @ 1W/1m  2.3 kHz (24 dB Per Octave)  15" heavyduly driver  2.5" voice coil (Kapton Former)  50 oz. barium ferrile magnet  1.75" litanium compression driver  Inlegral 1 3/8" Pole Mount Receptacle  15" wedge monitor position,  30" wedge monitor position, Ten Fly Points  30" (h) x 19" (w) x 17" (d)  762 mm (h) x 483 mm (w) x 432 mm (d)  tbd  15" Heavy Duty Driver, 3" voice coil, aluminum former  High-efficiency tracking converter  500 Watts RMS  30Hz-300Hz+/-3 dB  94dB SPL @ 1 W/1m  Balanced  XIR - FEMALE  Balanced, high-passed tracking low frequency crossover point	Frequency Response: Sensitivity: Max.SPt: Output Impedance (@ 1 kHz): Connector: Power Requirements: Dimensions: Weight:  CMIC Type: Polar pattern: Frequency Response: Sensitivity: Max.SPt: Output Impedance (@ 1 kHz): Connector: Dimensions: Weight:  C2 Type: Polar Pattern: Frequency Response: Sensitivity: Max.SPt: Output Impedance (@ 1 kHz): Connector: Dimensions: Weight:	50 Hz – 20 kHz -68dB ±3dB 142 dB 150 Ω 3-pin gold-plated balanced XIR male Supply Voltage (Phantom) 11 to 52 Vdc 7" • 176 mm overall 8.5 oz • 240 g  Dynamic Hypercardioid 20 Hz – 18.5 kHz -47 dBV @ 94 dB SPL 137 dB 150 Ω 3-pin gold-plated balanced XIR male 6.75" • 172 mm overall 8.7 oz. • 250 g  Dynamic Cardioid 50 Hz – 15 kHz -71 dB ±3 dB 137 dB 600 Ω (to Z) -12 dB/octave (HP switch ON) -10 dB/average (ATT switch ON) 3-pin gold-plated balanced XIR male	Total length Weight  R21S Same as above, with on/off switch  HM40 Type: Polar pattern: Connector:  S11 Type: Polar pattern: Frequency response: Sensitivity: Max. input level (1 kHz): Cutput Impedance (@ 1 kHz): Connector: Dimensions: Weight:  S12 Type: Polar Pattern: Frequency Response: Sensitivity: Max. Input Level (1 kHz): Couput Impedance (@ 1 kHz): Connector: Dimensions: Connector: Dimensions:	Condenser Cardioid 3-pin mini-XLR  Dynamic Unidirectional cardioid 60 Hz - 18 kHz -74 dB ±3 dB 130 dB SPL 600 Ω ±30% 3-pin XLR male 6.75° • 172 mm overall 8.7 oz. • 250 g  Dynamic Hypercardioid 60 Hz - 18 kHz -70 dB ±3 dB 130 db SPL 600 Ω±30% 3-pin XLR male 6.75° • 172 mm overall	Impedance: Sensitivity: Input Connector:  PH60 Driver Unit: Frequency Unit: Impedance: Sensitivity: Input Connector:  CH700 Driver Unit: Impedance: Sensitivity: Input Connector:  CH700 Driver Unit: Impedance: Sensitivity: Input Connector:	Magnet 20-22,000 Hz 640hm ± 10% 106dB SPL at 1kHz ± 3dB Gold-Plated Mini Stereo Plug and 1/4" Phone Adapter  34mm Mylar Drivers with Anisotropic Ferrite Magnet 20-18,000 Hz 320hm ± 10% 101dB SPL at 1kHz ± 3dB Nickel-Plated Mini Stereo Plug and 1/4" Phone Adapter  Closed back design 40mm Diaphragm Drivers with Neodymium Magnet 20 Hz-20 kHz 640hms 108 dB S.P.L. @ 1 kHz ± 3dB Gold-Plated Mini Stereo Plug and 1/4" Phone Adapter  Closed back design 40mm Diaphragm Drivers with Neodymium Magnet 20 Hz-20 kHz 320hms 108 dB S.P.L. @ 1 kHz ± 3dB Gold-Plated Mini Stereo Plug and 1/4" Phone Adapter
Active Power: Frequency Response Sensitivity Crossover Frequency LF Driver  HF Driver Mounting  Dimensions  Weight  EX500 Transducer: Amplifier: Power Rating: Frequency response Sensitivity: Input Connector: Output  Connector:	400 Watts LF, 100 Watts HF  60 Hz – 15 kHz ± 3 dB  97 dB SPL@1W/1m  2.3 kHz (24 dB Per Octave)  15" heavyduly driver  2.5" voice coil (Kapton Former)  50 oz. barium ferrite magnet  1.75" titanium compression driver Integral 1 3/8" Pole Mount Receptacle  15" wedge monitor position, Ten Fly Points  30" (h) x 19" (w) x 17" (d)  762 mm (h) x 483 mm (w) x 432 mm (d)  tbd  15" Heavy Duty Driver, 3" voice coil, aluminum former  High-efficiency tracking converter  500 Watts RMS  30Hz-300Hz+/-3 dB  94dB SPL@1 W/1m  Balanced  XLR - FEMALE  Balanced, high-passed tracking low frequency  crossover point  XLR - MALE	Frequency Response: Sensitivity: Max.SPt: Output Impedance (@ 1 kHz): Connector: Power Requirements: Dimensions: Weight:  OMIC Type: Polar pattern: Frequency Response: Sensitivity: Max.SPt: Output Impedance (@ 1 kHz): Connector: Dimensions: Weight:  O2 Type: Polar Pattern: Frequency Response: Sensitivity: Max.SPt: Output Impedance (@ 1 kHz): Connector: Dimensions: Weight:	50 Hz – 20 kHz -68dB ±3dB 142 dB 150 Ω 3-pin gold-plated balanced XIR male Supply Voltage (Phantom) 11 to 52 Vdc 7" • 176 mm overall 8.5 oz • 240 g  Dynamic Hypercardioid 20 Hz – 18.5 kHz -47 dBV @ 94 dB SPl 137 dB 150 Ω 3-pin gold-plated balanced XIR male 6.75" • 172 mm overall 8.7 oz. • 250 g  Dynamic Cardioid 50 Hz – 15 kHz -71 dB ±3 dB 137 dB 137 dB 600 Ω (to Z) -12 dB/octave (HP switch ON)	Total length Weight  R21S Same as above, with on/off switch  HM40 Type: Polar pattern: Connector:  \$11 Type: Polar pattern: Frequency response: Sensitivity: Max. input level (1 kHz): Coutput impedance (@ 1 kHz): Connector: Dimensions: Weight:  \$12 Type: Polar Pattern: Frequency Response: Sensitivity: Max. Input Level (1 kHz): Coutput impedance (@ 1 kHz): Connector: Dimensions: Weight:	Condenser Cardioid 3-pin mini-XLR  Dynamic Unidirectional cardioid 60 Hz - 18 kHz -74 dB ±3 dB 130 dB SPL 600 Ω ±30% 3-pin XLR male 6.75" • 172 mm overall 8.7 oz. • 250 g  Dynamic Hypercardioid 60 Hz - 18 kHz -70 dB ±3 dB 130 dB SPL 600 Ω ±30% 3-pin XLR male	Impedance: Sensitivity: Input Connector:  PH60 Driver Unit: Frequency Unit: Impedance: Sensitivity: Input Connector:  CH700 Driver Unit: Impedance: Sensitivity: Input Connector:  CH700 Driver Unit: Impedance: Sensitivity: Input Connector:	Magnet 20-22,000 Hz 640hm ± 10% 106dB SPL at 1kHz ± 3dB Gold-Plated Mini Stereo Plug and ½" Phone Adapter  34mm Mylar Drivers with Anisotropic Ferrite Magnet 20-18,000 Hz 320hm ± 10% 101dB SPL at 1kHz ± 3dB Nickel-Plated Mini Stereo Plug and ¼" Phone Adapter  Closed back design 40mm Diaphragm Drivers with Neodymium Magnet 20 Hz-20 kHz 640hms 108 dB S.PL. @ 1 kHz ± 3dB Gold-Plated Mini Stereo Plug and ¼" Phone Adapter  Closed back design 40mm Diaphragm Drivers with Neodymium Magnet 20 Hz-20 kHz 640hms 108 dB S.PL. @ 1 kHz ± 3dB Gold-Plated Mini Stereo Plug and ¼" Phone Adapter  Closed back design 40mm Diaphragm Drivers with Neodymium Magnet 20 Hz-20 kHz 320hms 103 dB S.PL. @ 1 kHz ± 3dB

Selects stereo or mono low frequency oper-

Weight:

10.5 oz. • 300g

VP1

50 oz. barium ferrite magnet

1" compression driver

HF Driver

Stereo /Mono: